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25572 ROUTES  
IN THE  
**CENTRAL PROVINCES DISTRICT.**

**GENERAL STAFF, INDIA.**



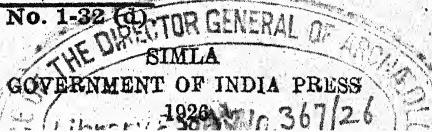
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I.G.

## INDEX OF ROUTES.

Pages. M197CGS	No. of Routes.	From	To	Via.	Miles.	Marches.
1	III	Kanergaon	Neemuch	Mhow and Neemuch	435.2	41
21	VI	Dhanura	Hamirpur	Kampti, Jubbulpore and Damoh	526.5	49
37	VII	Suwargaon	Sohela or Hadiapali	Nagpur, Raipur and Sambhalpur	568.4	54
55	VIII	Palasne	Chillartara	Mhow, Gonda, Jhansi and Nowrangpur	558.5	48
75	IX	Sipri	Dholpur	Gwalior	113	9
79	XI	Damoh	Chhabra	Goona	207.5	19
88	XII	Surwai	Dohad	Jubbulpore, Indore and Dhar	621.1	60
116	1	Kalesh	Raja Kingaon	....	48.6	4
118	2	Rajah-Dewalgaon	Kamptee	Khamgaon and Ellichpur	278.7	25
126	3	Basim	Pulgaon or Borgaon	Karanji	96.5	10
129	4	Wun	Ellichpur	Yeotmal, Karanja and Daryapur	184.5	1
137	5	Dhamolk	Ellichpur	Amraoti	62.1	6
139	6	Umarkhed	Basim	....	59.4	6
A 142	7	Nandgaon-Peth	Sendur Jaus	Morsi	49.2	4

Pages.	No. of Route.	From	To	Via.	Miles.	Miles. Marches.
144	8	Dhamangaon	Kelapur	Yootmal . . . . .	69.7	5
147	9	Jubbulpore	Birsingpur (Pali)	Shalimpura . . . . .	114.6	8
161	10	Damoh	Rewah . . . . .	Gomoor and Nagode . . . . .	146.2	13
169	11	Ellichpur	Betul (Badnur)	Gudgeon . . . . .	70.6	7
161	12	Burhanpur	Ellichpur . . . . .	Dhartalai . . . . .	106. .	8
164	13	Nalagon	Singoli . . . . .	Neemuch . . . . .	55	5
167	14	Dohad	Ratlam . . . . .	Ujjain, Agor . . . . .	79.5	8
172	15	Chota Udepur	Kamptee . . . . .	Betul Badnur . . . . .	424	39
184	16	Mhow	Jhalrapatan . . . . .	Ujjain, Agor . . . . .	165.3	13
189	17	Sarangpur	Neemuch . . . . .	Agor . . . . .	136	11
193	18	Neemuch	Jhalrapatan . . . . .	Rajgarh . . . . .	88.2	8
197	19	Shahabad	Sipri . . . . .	Schora and Bhopal . . . . .	37	3
199	20	Mhow	Slugor . . . . .	Bhopal . . . . .	233.3	..
206	21	Betul Badnur	Jhalrapatan . . . . .	Sanger and Jha-si . . . . .	247.6	21
214	22	Kamptee	Gwalior . . . . .	422.7	42	

	23	Gwalior	Udai	Blind	60	5
	24	Saugar	Kalpi	Nowgong and Harpalpur	193	21
	25	Chhindwara	Pachmarhi	.....	36.4	8
	26	Hatwas or Pipariya	"	Piparia Ry. Sta.	33	
	27	Borai	Jubulpore	Rajpur and Mungla	337.7	23
	28	Mungela	Sambalpur	Bilaspur	176	15
	29	Sabalgarh	Gwalior	.....	59.4	5
	30	Dhaisgaon	Harda	Khandwa and Harsud	79.7	7
	31	Goona	Jhansi	.....	104.6	9
	32	"	Tikamgarh Tehri	Lalitpur	110.4	11
	32-A	"	"	Mahrani	120.2	11
	33	Bhopal	Lalitpur	Sironj	141.5	12
	34	Sironj	Jhalrapatan	.....	116.1	9
	35	"	Biaora	.....	52.6	3
	36	Saugor	Mau	Tikamgarh Tehri	114.3	11
	37	Tikamgarh Tehri	Jhansi	.....	58	5
	38	Jatara	Nowgong	.....	29	2
A	39	Lakhandon	Narsinghpur	.....	39.6	4
2	40	Seongi	Chhindwara	Barha, Balaghat and Seoni	152.1	13

III

Pages	No. of Route.	From	To.	Via.	Miles,	Marches,
287	41	Nandghat	Bilaspur	.....	31.4	3
299	42	Jhansi	Kalpi	.....	90.3	10
303	43	Damoh	Subahgarj	.....	70.6	8
307	44	Warora	Dhamtari	.....	243.6	22
313	45	Edalabad	Astigarh	.....	41.5	3
315	46	Nowgong	Rewah	Purnia	132.4	11
3:9	47	Kunoh	Kuthaund	Jalaun	.....	32.7
320	48	Banda	Khokhraj	.....	70.4	6
322	49	Banda	Rajapur	.....	54.3	4
323	50	Chandha	Charkhauri	.....	30.6	3
325	51	Sisolar	Mohana	Orai	.....	95.3
327	62	Harpalpur	Kalpi	Rath	.....	64.4
329	53	Banda	Manikpur	.....	60.7	6
331	54	Saidnagar	Kanoh	Orai	.....	32.6
332	65	Rath	Kalpi	Jalalpur	.....	43.4
334	56	Rath	Kalpi	Hamirpur	.....	77.7

# INDEX OF CAMPING GROUNDS.

	Route.	Page.		Route.	Page.
<b>A.</b>					
Abhanpura	.	27	246	Amlai	•
Agar	.	16, 17	180-190	Anmer	•
Agra	.	14	186	Amona	•
Akola	.	III	3	Amroati	•
Akola	.	III	13	Amrod	•
Akot	III, 2	5, 121	Amund	•	55
Akbarpur	.	53	329	Andura	•
Ainchwara	.	53	330	Anjangaon	•
Alipura	VII, 24	70, 235	Anjanian	•	27
Amarpatan	.	XII	91	Anjni	•
Amarwara	.	22	216	Arang	•
Ambabai	.	22	228	Aroun	•
Amkhera	VIII	65	Asagaon	•	6

	Route.	Page.		Route.	Page.
A—contd.			B—contd.		
Ashita	20	200	Barapahara	31	266
"	III, 45	8, 314	Barara	22	226
Auirgarh	34	281	.....	..	..
Asinawar	42	301	Barda	33	275
Ata			Barela	27	252
			Barghat	40	295
	XII	103	Barha Balaghata	40	294
Babai	22, 56	335	Barbhera	VIII	65
Babina	48	320	Barman.	22	219
Baberu			Barod.	17	190
Badnera	5	137	Barodia.	17	189
Baghvara			Barr.	1	116
Bagnadi	VII	48	Barsad.	34	279
Bagrod	20	204	Bartalla	43	304
Bahedarpur	33	276	Barwala	III	11
Bairkairi	20	205			

Bakaner	.	15	175	Barwa Sagar	.	.	VIII, 37	69, 289
Balgaon	.	5	136	Basari	.	.	46	315
Badusa	.	63	329	Bansia	.	.	44	310
Balta	.	15	178	Basim	.	.	III, VII, 3, 6	2, 40, 126, 141
Bamori	.	36, 37	287, 281	Basma	.	.	VII	53
Baniga	.	34	280	Battagarh	.	.	VI	32
Banda	.	VIII 53, 74	73, 234, 329	Battan Berra	.	.	XI	84
Bandole	.	VI	27	Baxwaho	.	.	VI	32
Bandri	.	22, 36	223	Bazarqaon	.	.	VII	44
Bangaon	.	10	152	Behrai	.	.	40	295
Banga	.	VIII 51,	326, 70	Bela	.	.	12	163
Banarod	.	27	245	Belgon.	.	.	25	240
Bankheri	.	XII	101	Belkeri	.	.	XII	99
Banpur	.	32	271	Belkharu	.	.	VI	29
Bans	.	XI	79	Benoda	.	.	7	142
Bansi	.	22	225	Bewar	.	.	51, 56	325, 334
Bargao	.	42	299	Bensia	.	.	33	274
Baroti	.	III	6	Betul Badnur	.	.	11, 15, 21	160, 180, 206

	Route.	Page.	Route.	Page.
<i>B—contd.</i>				
Bhadara	VIII	Bir B—contd.	•	30 263
Bharakundi	44	65 Birdha	•	22 224
Bhalta	21	308 Birra	•	28 256
Bham	VII	212 Birsinghpur or Pal	•	9 150
Bhandara	VII	41 Bisanklera	•	21 208
Bhanduk	44	46 Bodra	•	VII 52
Bhampi	18	307 Bodtang	•	28 258
Bhanve	44	195 Borai	•	27 244
Bhapel	20	310 Borali	•	III 14
Bhatagaon	27	205 Boregan	•	22 215
Bhatonda	9	246 Borenia	•	32 217
Bhere	47	150 Borgaon	•	VI, 3, 15 8, 128, 177
Bhaura	20	319 Bori	•	VI, 15 24, 179
Bhilai	VII	193 Borkund	•	15 178
		50 Boria	•	27 249

	Route.	Page.	Route.	Page.
<i>Bhilpank</i>				
Bhilisa	III	15 Bulwara	•	VIII 66
Bhilwara	20	203 Burhanpur	•	III 11
Bhind	18	195 Burra-Dhauada	•	III, 12, 45 7, 161, 313
Bhojpur	23	232 Buti	•	III 18
Bholan	21	212 C.	•	15 178
Bhopal	XI	87 Chachora	•	34 279
Biaora	20, 21	202, 209 62, 210	Chaldu Chanda	III, 17 19, 192
Bibi	I	117 Chandas	•	44 307
Bichhia	27	250 Chanderi	•	32 270
Bijwari	XII	108 Chandla	•	50 323
Bikangao	15	176 Chandpur	•	15 173
Blaspur	28, 41	255, 298 37	Chanderpur Chappara	28 257
Bilgam			Chappara	VI 27
Bilgaon	49	322 31	Chappa Charkhari	XII 149
Bilora or Bithora	31	267 43	Chaurai	50 324
Biltura			Chayen	40 296
Bindagan	VIII	63 •	•	14 169

	Route.	Page.		Route.	Page.
C—contd.			D—contd.		
Chhabra . . . . .	XI	87	Daryapur . . . . .	4	135
Chandaut . . . . .	52, 24	328, 237	Degora . . . . .	37	289
Chhatarpur . . . . .	V1, 24	34, 235	Dekam . . . . .	13	165
Chhindwara . . . . .	22, 25, 40	216, 239, 296	Deknakheda . . . . .	33	276
Chhindwara Chota . . . . .	XII	98	Delbakhari . . . . .	25	240
Chichara . . . . .	VI	23	Deobati . . . . .	15	173
Chiholi . . . . .	VII, 15	48, 182	Deolapar . . . . .	VI	25
Chishunda . . . . .	15	181	Deori . . . . .	VII, IX, 22	48, 77, 220
Chikli . . . . .	2	119	Dewas . . . . .	VIII, 16, 20	60, 184, 199
Chiklana . . . . .	11	159	Dhabla . . . . .	16	186
Chikli . . . . .	15	174	Dhaugan . . . . .	III, 30	10, 262
Chillata . . . . .	VIII	74	Dhamangaon . . . . .	8	144
Chinka . . . . .	23	231	Dhamok . . . . .	5	137
Chipabar . . . . .	30	263	Dhamtari . . . . .	27, 44	246, 312
			Dhunda . . . . .	15	178
			Dhanura . . . . .	VI	21

Chitrilea	.	.	34	280	Dhanvai	.	.	.	27	252
Chirball	.	.	16	177	Dhar (C. I.)	.	.	.	XII	111
Chirgaon	.	.	42	299	Dhar (C. P.)	.	.	.	21	207
Chitors	.	.	22	222	Dharampuri	.	.	.	15	175
Choka	.	.	21	208	Dharnanda	.	.	.	XI	86
Chorpura	.	.	IX	75	Dharsewa	.	.	.	27	247
Chotsa Kasro	.	.	15	176	Dharni	.	.	.	12	162
Chotsa Udepur	.	.	15	172	Dhertahai	.	.	.	12	161
Chuna	.	.	15	179	Dhodar	.	.	.	III	17
D.										
Dabra	.	.	22	229	Dhorwa	.	.	.	III	10
Dakaolia	.	.	VIII, 16, 20	59, 184, 190	Dhuma	.	.	.	VI	28
Damak	.	.	3	127	Dinara	.	.	.	VIII	68
Damakasa	.	.	44	310	Diwanganji	.	.	.	20	202
Damoh	.	.	VI, XI, 10	31, 70, 151	Dohad	.	.	.	XII, 14	114, 167
Datia	.	.	22	228	Dolini	.	.	.	VIII	71
Daturia	.	.	33	274	Dokal	.	.	.	27	245
Darwha	.	.	4	133	Donguria	.	.	.	9	149

	Route.	Page.		Route.	Page.
D—contd.			G—concl'd.		
Dongargaon	VII	47	Gurtlao	.	VII
Dorice	2	124	Guruwara	.	39
Dosalibir	VII	38	Gvalior	.	1X, 22, 29
Drug	VII	49	Gwari	.	77, 230, 261
Dubera	28	256	Gysabad	.	27
Dukrehhera	26	242	Gondia	.	10
Dularia	XII	104	Gond Kairi	.	40
Dulghat	III	6	Gonorr.	.	VII
	E				10
Edalabud	45	313	Goona	.	VIII, XI
Ellichpur	2, 4, 5, 11, 12	121, 136, 138, 159 163,	Gorepehar	.	64, 86
Eran	XI	82	Gosalpur	.	XII
F.			Gudgaon	.	11
Nil			Gungarwara	.	160
			Girthan	.	32
					271
					42
					301

G	H	H	H
	XII	100	...
Gadarwara . . . . .	VI	27	Halba . . . . .
Ganeshgong . . . . .	17	191	Hamirpur . . . . .
Gangodhar . . . . .	44	308	Haldipali . . . . .
Garchiroli . . . . .	XI	80	XII, 30
Garhakotia . . . . .	20	203	Harda . . . . .
Garispur . . . . .	27	245	Hardoi . . . . .
Gatasilli . . . . .	XI	84	Hardwara . . . . .
Gatwar . . . . .	IX	76	Harisal . . . . .
Ghativalgaton. . . . .	43	303	Harpalpur . . . . .
Ghat Piparia . . . . .	XII	92	Harrai . . . . .
Ghunwara . . . . .	10	165	Harsod . . . . .
Girwaro . . . . .	VIII	57	Hatta . . . . .
Gujri . . . . .	VI, 24	33, 235	Hatwas . . . . .
Gulganj . . . . .	22	224	Hinota . . . . .
Guna . . . . .	XII	111	Hirapur . . . . .
Gunavad . . . . .	22	221	Hiri . . . . .
Gurjhamar . . . . .			41

	Route.	Page.			Route.	Page.
H—contd.						
Hoshungshad . . . .	XII, 21	103, 207	Jormoha . . . .	• • • •	4, 8	131, 145
Hussode . . . .	28	256	Jubbulpore . . . .	• • • •	VI, XII, 9 & 27	29, 97, 147, 253,
Ichapur . . . .	45	313	Jungawani . . . .	• • • •	22	216
Indore . . . .	VIII, XII 16, 20.	59, 110, 184, 199	Kabrai . . . .	• • • •	VI, VIII	35, 72
Isapur . . . .	VII	43	Kasida . . . .	• • • •	21	207
Itatara . . . .	24, 52, 55	237, 328, 353	Kajuri . . . .	• • • •	20	201
J						
Jahiera . . . .	VI	30	Kankur . . . .	• • • •	III, 12	6, 101
Jaitpur . . . .	22	218	Kalebagh . . . .	• • • •	31	265
Jalkhaun . . . .	33	277	Kalaria . . . .	• • • •	XII	110
Jatholi . . . .	42	301	Kalesah . . . .	• • • •	1	116
Jataun . . . .	51, 46	326	Kalmeshwar . . . .	• • • •	2	124
			Kalpi . . . .	• • • •	24, 42, 52, 35, 56	238, 302, 328, 333, 335, 338,

Jalwania		VIII	56	Kamaria		XII	98
Jam		VI	23	Kamasin		48	320
Jambu		15	179	Kamptee		VI, 2, 15	25, 125, 183
Jamonia		21	210	Kanar		17	189
Jaora		III	17	Kandala		6	140
Jariya		52, 24	237, 328	Kandri		IV	24
Jatara		36	286	Kaneli		44	311
Jaura		29	260	Kanergon		III	2
Jawar		30	262	Kanjia		33	276
Jalalpur		51, 55	325	Kanod		XII	108
Jhalar		11	160	Kanti		40	294
Jhalap		VII	52	Kapsi		III	3
Jhalrapatan		16, 18, 21, 34	188, 196, 213, 281.	Karanja		VII, 3, 4	41, 127, 134
Jhansi		VIII, 22, 31, 37	69, 227, 267, 289	Karanwas		VIII	62
Jharkhera		21	209	Kapustahi		4	135
Jiri bazaar		III	5	Karisgaon		11	159
				Karbi		VII	46
				Kareli		X-II, 22	99, 218

	Route.	Page.		Route.	Page.
Karee . . . . .	VIII	67	K—contd.	VIII	56
Karnja . . . . .	4	130	Khal Ghat (South) . . . . .	40	296
Karrapur . . . . .	24	233	Kohak . . . . .	•	•
Karmer . . . . .	51	326	Kolaras . . . . .	•	•
Katangi . . . . .	VI	30	Kondala . . . . .	3	126
Katejari . . . . .	44	309	Koomharee . . . . .	43	304
Karwi . . . . .	53	330	Koracha . . . . .	44	369
Katol . . . . .	2	123	Kothri . . . . .	44	309
Katra Mohari . . . . .	XII	91	Kujagar . . . . .	14	170
Kattakoni . . . . .	28	254	Kukresar . . . . .	18	193
Katni-Murwara . . . . .	XII	94	Kiksi . . . . .	15	174
Kelaras . . . . .	29	* 260	Kunch . . . . .	64	331
Khalasar . . . . .	28	227	Kundam . . . . .	9	148
Khairi . . . . .	VI	22	Kundanpur . . . . .	XII	114
Khinghat N. Bank	15	175	Kundhasi . . . . .	VII	44

XVII

	Route.	Page.		Route.	Page.
<b>L—contd.</b>					
Lateri . . . . .	35	282	Mangrol Pir . . . . .	VII	40
Lauri . . . . .	50	323	Manikchowk . . . . .	33	277
Loharia . . . . .	16	174	Manikpur . . . . .	53	330
Lonar . . . . .	1	117	Manpur . . . . .	VIII	68, 310
Loni . . . . .	VII, 2	42, 122	Marogaon . . . . .	4	130
M	10, 46	156, 318	Markhera . . . . .	2	129
	VII	45	Marwari . . . . .	6	140
Madhogarh . . . . .	22	220	Marwahal . . . . .	16	184
Mahalgaon . . . . .	10	154	Mastori . . . . .	28	255
Maharajpur . . . . .			Mataurdh . . . . .	VIII	72
Mahewa . . . . .	IX	76	Mandha . . . . .	51	325
Mahona . . . . .	32-A., 36	272, 285	Maria . . . . .	46	316
Mahroni . . . . .	XII	92	Maskara . . . . .	53	334
Maihar . . . . .	VI, VIII	35, 323	Majua . . . . .	36	286
Mahobe. . . . .	50, 52, 24	327, 72, 236			

xix

Makettun	VI	22	Matgaon	VI, 24	34, 235
Makora	22	229	Maudisha	VI	36
Maksee	VII	60	Maunda	VII	46
Malanpur	23	231	Medsi	III	2
Maleva	VI	34	Melgaon	23	232
Malegaon	III	2	Mehkar	VII	39
Malthon	22	224	Mejapoor	31	266
Maltone	36	285	Mewara	20	200
Managrul	3	127	Mhow	III, VIII	12, 58
Manawar	16, 34	174, 279	Miana	31	265
Mandesor	III, 17	18, 192	Mirganj	XII	97
Mandisar	40	293	Mierod	21	209
Mandla	27, 30	251, 264	Mitioni	VIII	67
Mandra	XI	82	Mohana	VI	326
Mangela	28	264	Mohgaon	26	26
Mangawan	XII	89	Mohka	15	179
Mangod	XII	112	Mokulgao	III	9
Mo Mau	VIII, 36	70, 287	Morsi	2, 7	122, 142

	Route.	Page.	Route.	Page.
M—condid.				
Morwar.	13	105	N—condid.	
Moth	42	300	Nawgaon	•
Mothi	34	278	Nazarpura	•
Motinala	27	250	Neemuch	•
Mow Akheri	34	278	Nigri	•
Mul	44	303	Nimavar	•
Mulbara	VI, 24	33, 235	Nimpani	•
Multai	15	160	Nowgong	•
Multan	15	176	Nuhia	•
Mungeli	27, 28	249, 254	Narabad	•
Munsar	VI	25	O	0
Murtzapur	4	134	Orai	•
Murwara	XII	94	Ossra	•
Mukkuli	25, 26	241, 242	Orai	•

N	Oran	P	
Nagda . . . . .	III 14	VIII, 31, 32	49
Nagode . . . . .	10 46 155, 317	Pachore . . . . .	62, 266, 269
Nagpur . . . . .	VI, VII, 2 25, 45, 125	Pachmari . . . . .	25, 26 243, 241
Niagaon . . . . .	13 164	Padaria . . . . .	9 147
Naigaon . . . . .	IX 76	Padri . . . . .	6 139
Nakra . . . . .	55, 24 327, 237	Pagara . . . . .	25, 26 241, 243
Namli . . . . .	III 16	PaghdaI . . . . .	XII 105
Nandgaon Kazi . . . . .	5 137	Pahari . . . . .	29, 49 260, 322
Nandgaon . . . . .	VII 49	Palasne . . . . .	VIII 55
Nandgaonpeth . . . . .	VII, 7 43, 142	Palera . . . . .	38 290
Nandghat . . . . .	27, 41 248, 297	Paldi . . . . .	VII 40
Nandhair . . . . .	XII 101	Paloti . . . . .	8 144
Nondori . . . . .	VI 23	Palusgaon . . . . .	40 293
Nanpur . . . . .	16 173	Panagar. . . . .	XII 96
Narauli . . . . .	XI 81	Panari . . . . .	XII 100
Narsingarh . . . . .	VI, 21 31, 210	Panej . . . . .	2 121
Narsinghpur . . . . .	XII, 22 99, 218, 392	Pandarbhatta . . . . .	27 248

	Route.	Page.	Route.	Page.
M—concl.			N—contd.	
Morwa.	13	165		
Moth	42	300	Nawegaon	•
Mothi	34	278	Nazarpura	•
Motinala.	27	250	Neamuch	•
Mow Akheri	34	278	Nigri	•
Mul	44	303	Nimavar	•
Mulbara	VI, 24	33, 235	Nimpatti	•
Multai	15	160	Nowgong	•
Multan	15	176	Nulta	•
Mungeli	27,	249, 254	Nurabad	0
Munzar	VI	25	Orai	•
Murtazapur	4	134	Osara	•
Murwara	XII	94	Orai	•
Mutkuli	25,	241, 242	Orai	•

xxi

	Route.	Page.		Route.	Page.
P—contd.			P—contd.		
Pandakeora	8	146	Punjab	42	300
Panna	46	316	Pundiana	15	177
Panth Piplia	III, 17	19, 192	Purana	43	305
Panwari	24, 52	236, 327	Racha	14	167
Para	XII	113	Raghogarh	XII	109
Paradia	46	317	Rahatgarh	20	204
Parasan	51	325	Raipur	VII, XII, 16, 27	50, 90, 188, 247
Parassea	39	291	Rajpura	43	304
Parbat River.	VIII	64	Rajadhar	27	249
Parori	VI	24	Rajjh.-Dewalgaoon	2	118
Paroria	XI	80	Raju Kingson	VII, 1	38, 117
Partapur	22	217	Rajepur	49, 48	321, 322
Patansongi	16, 22	183, 214	Rajgarh	19, 21	198, 211
Patalpur	55	332	Rajwan	36	284
			Rajpur (Ali)	15	173

xxiii

<b>Pathan Dewalgaon</b>	.	.	2	118	Rajpura	.	.	.	.	2	123
<b>Pathrot</b>	.	.	2	121	Rajwas	.	.	.	.	22	223
<b>Patreota</b>	.	.	21	207	Raksa	.	.	.	.	VIII	68
<b>Pataul</b>	.	.	III, 2	4, 121	Ramakona	.	.	.	.	22	215
<b>Patur</b>	.	.	III	3	Ramgarh	.	.	.	.	28	31
<b>Pendri-Kund*</b>	.	.	27	249	Rampoluga	.	.	.	.	28	258
<b>Pimpalgaon</b>	.	.	6	141	Rampur	.	.	.	.	XI, 10, 46,	85, 157, 318
<b>Pinighati</b>	.	.	32	268	Rampura	.	.	.	.	18	194
<b>Piparia</b>	.	.	43	303	Ranapur	.	.	.	.	XII	113
<b>Piplod</b>	.	.	15	177	Rani Kheda	.	.	.	.	25	240
<b>Pipri or Pimpri</b>	.	.	VII	39	Ranipur	.	.	.	.	22	222
<b>Piprenda</b>	.	.	VIII	73	Ranipura	.	.	.	.	26	284
<b>Piprodh</b>	.	.	XII	94	Rath	.	.	.	.	24, 52, 55,	237, 328, 332,
<b>Pirthihpur</b>	.	.	37	289	Ratangarh	.	.	.	.	66	334, 165
<b>Pitlawad</b>	.	.	14	169	Ratava Bandikheri	.	.	.	.	33	274
<b>Podigaoon</b>	.	.	28	257	Rethai	.	.	.	.	21	212
<b>Puddampur</b>	.	.	28	257	Rewah	.	.	.	.	XII, 10, 46,	90, 157, 318
<b>Pulgoan or Borgaon</b>	.	.	3	128	Richwan	.	.	.	.	21	213

R—contd.	Route.	Page.	Route.	Page.
Rotihai . . . . .	VIII	64	Saugor . . . . .	XI, 20, 22
Runjah . . . . .	4, 8	131, 145	Savungi (River) . . . . .	81, 205 222 133
Rutawan . . . . .	24	234	Sawalmeda . . . . .	4
Rutlam . . . . .	III, 14	16, 170	Sawan . . . . .	11
S . . . . .			Sawargao . . . . .	159
Subalgarh . . . . .	29	259	Sawarkhed . . . . .	18
Sadulpur . . . . .	III	14	Sehore . . . . .	193
Sidagar . . . . .	54	331	Sembadowl . . . . .	VII, 44
Saidpur . . . . .	36	285	Semri . . . . .	37, 310
Sajana . . . . .	III	15	Semri-Herchand . . . . .	20
Sakoli . . . . .	VII	47	Sendurjana . . . . .	201
Sakrar . . . . .	VIII	69	Sendhwa . . . . .	12
Salamatpur or Gulgao . . . . .	20	202	Seogarh . . . . .	163
Salaporo . . . . .	33	275	Seongi . . . . .	VII

		VII.	XII.	29	26	104, 295
M. Salwars	9	148	Seoni	.	.	.
Sambalpur	28	258	Seoni (village)	.	16	181
Samni	VII	49	Seori Natain	.	28	266
Sanawad	III	10	Serai Pali	.	VII	63
Sandri	10	197	Sewaya	.	VII	62
Sankara	VII	53	Shahabad	.	19	197
Saonair	15, 22	182, 214	Shahdaura	.	32	268
Saorgaon	6	139	Shahgarh	.	24	234
Sarangpur	VIII, 17	61, 189	Shahjahanpur	.	VII	61
Saranji	14	169	Shahpur	.	9	149
Sargaon	41	297	Shahpura	.	XII.	0
Sarsawan	48	321	Shampur	.	21	210
Sarwa	VII, 24	33, 235	Shegaon	.	2	120
Sarvari	VII	44	Shemangson	.	VII	43
Sarwaro	32	270	Shirani (Sheoni)	.	VII	41
Sasindra	16	180	Shiawa	.	27	245
Satanwars	IX	76	Shitors	.	XII	95
Saitanpur	XI	86				

Ron. No.	Page.	Ron. No.	Page.	Ron. No.	Page.
B—contd.					
Sinari	20	260	Surwal	XII	88
Singa	27	248	Susner	16	187
Sinrol	III	12	Sutna	10, 46	156, 317
Singhra	VII	53	Sunerpur	VI	36
Singoli	13	166	T		
Singori	22	216	Takhatpur	26	254
Singrampur	VI	30	Talabhat	22	226
Sipri	VIII, 19	66, 198	Talegon	3	128
Sirdarpore	XII	112	Tamia	25	240
Siragaon	2	122	Tampa	44	307
Sironj	XI, 33, 34, 35,	84, 275, 278, 282, 7, 40,	Tanuria	16	186
Sirpar	III, VII	161	Tapti river	11	160
Sirundi	44	369	Tarsala	3	126
Siolar	61	325	Taroda	2	122

Sitamau	.	.	17	191	Tawa River	.	.	XII	103
Sitanadi	.	.	27	244	Tehla	.	.	18	194
Sleemana bed	.	.	XII	95	Temurni	.	.	XII	105
Sohagi	.	.	XII	88	Thavegaon	.	.	VII	44
Sohagpur	.	.	XII	102	Thoban	.	.	32	269
Sohola (or Heldipali)	.	.	VII	54	Tigaon	.	.	15	181
Sohet	.	.	16	187	Tigra	.	.	10	153
Sonapipri	.	.	25	239	Tikamgarh-Tehri	.	.	32, 32-A, 36	271, 273 286
Sonkaoh	.	.	20	200	Tikaria	.	.	27	252
Sotala	.	.	35	282	Tindua	.	.	II	89
Srinagar	.	.	VI, VIII	35, 71	Tindwari	.	.	.	320
Sutatalao	.	.	22	219	Trila	.	.	XI	12
Subahganj	.	.	XII, 43	93, 306	Took	.	.	VII	60
Sukar	.	.	15	176	Tungaon	.	.	VII	61
Sukri	.	.	VI	28	U	.	.	.	.
Surkhi	.	.	22	221	Udal	.	.	23	232
Surya (Sarwaya)	.	.	VIII	67	Udonkheri	.	.	VIII	61
Surwada	.	.	4	135		.	.		

Page.	Route.	Page.	Route.	Page.
W	U--contd.	W	U--contd.	W
3	Ujjain	185	Wahi	127
III	Unmarked	139	Wagoli	4
44	Umaria	296	Waragrh	308
VII	Umarpur	119	Warax Bund	49
VI,	Umri	134, 182	Waros	23, 307
VI,	Umri Nala	216	Wun	22, 129
X	Upri	13, 111	X	
Y	Veedona	127	Yeothmal	4, 8
Z	Vilhad	308		132, 145

# ROUTES IN THE CENTRAL PROVINCES DISTRICT.

## Route No. III.

FROM KANERGAON TO NEEMUCH.

*Length 440 m. 2 f.*

*41 Marches.*

*Authority and date (month and year).*—Colonel Commandant  
21st Indian Infantry Brigade, Jubbulpore.

*Epitome.*—General direction N. N. W. From Kanergaon to Akot the road is metalled, and nalas, with the exception of the Purna River are either bridged or paved; in the latter case they are occasionally impassable for a few days after heavy rain; the Purna River (stage 8) is crossed by a Ferry Boat (capacity 2 carts) in the rains and by a temporary bridge from November onwards. Between Akot and Kaknur is a fair-weather track, running through hilly jungle from Jiri Bazar onwards; from Akot to Burhanpur the road is again metalled, the Tapti at Burhanpur being crossed by 2 boats (capacity 3 carts each) in the rains, and by a paved causeway from November onwards; the next two marches to Borgaon are bad, but from here on through Mhow to Neemuch the road is metalled and fit for motors. Retain river 10 miles from Neemuch crossed by Causeway passable in cold weather but impassable in rains. Surface is poor and very slippery. Care must be taken in crossing this and all other causeways.

### Route No. III.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	RESIDENT AT HYDERABAD.		KANERGAON.— A small village. <i>b., p. o.</i> <i>Camping Ground.</i> —50 acres E. of village, on right bank of Penganga R. <i>Water.</i> —Unlimited from river and 8 wells. <i>Supplies.</i> —On notice. <i>Fuel and grass.</i> —Nil. From Fort St. George in 56 stages, distance 609 m. (see Vol. IX of 1912).
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		1	BASIM.—10 m. 4 f. Road metalled and bridged. <i>b., p. o., t. s.</i> Headquarters of a Sub-Divisional Magistrate and Tehsildar. <i>Camping Ground.</i> —About 48 acres N. of town, another S. of town. <i>Water.</i> —About 300 wells altogether. Difficulty after two successive years of bad rainfall. <i>Supplies.</i> —On notice. Main Route VII crosses and routes 3 and 6 join here.
		2	MALEGAON.—13 m. Road metalled and bridged. <i>b., p. o.</i> <i>Camping Ground.</i> —6 acres, private, W. of village, can be extended. <i>Water.</i> —14 wells. <i>Supplies.</i> —On notice. No fodder locally.
		3	MEDSI.—7 m. 4 f. Road metalled and bridged. <i>b., p. o., t. s.</i> <i>Camping Ground.</i> —About 9 acres, E. of village. <i>Water.</i> —10 wells. <i>Supplies.</i> —On notice (about one month). <i>Fodder.</i> —Scarce.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
		4	PATUR.—9 m. 4 f. Road metalled and bridged. <i>b., p. o., t. s.</i> A village of 5,500 with dispensary and police station. <i>Camping Ground.</i> —Round <i>b.</i> for one regiment. <i>Water.</i> —One well in <i>b.</i> compound, three more within 200 yds. <i>Supplies.</i> —For one Indian Regiment, unlimited, at 1 month's notice. Ample fodder and grass.
		40 m. 4 f.	
		5	KAPSI.— 10 m. Country cultivated, black cotton soil. Road metalled and bridged, undulating in 4th and 5th m. otherwise level and good. The village of Kapsi lies $\frac{1}{2}$ m. W. of the road. <i>Camping Ground.</i> —About 3 acres, E. of road by 10 m. S. from Akola. <i>Water.</i> —From 1 well near C. G. for 400 men and animals, other wells in village. <i>Supplies.</i> —From Akola at 1 month's notice.
		50 m. 4 f.	
		6	AKOLA.—10 m. Country flat, cultivated, <i>b., p. o., t. s., r. s.</i> black cotton soil. Road metalled and bridged but rough; numerous wells by roadside. At 6 m. pass Govt. experimental Farm to right; at 8 m. enter outskirts of Akola, at 9 m. cross river by bridge. Fit for light traffic only owing to its damaged condition, another submerged bridge about a furlong downstream fit for heavy traffic. A large town, population 35,000, civil station and Headquarters of district with dispensary (Civil Surgeon) and vety. hospital. European groceries obtainable.
		60 m. 4 f.	

DEPUTY COMMISSIONER OF AKOLA, AKOLA.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.			<b>Route No. III.</b>
DEPUTY COMMISSIONER OF AKOLA, AKOLA.			
			<i>Camping Ground.</i> —About 21 acres, near station and bungalow.
			<i>Water.</i> —Two wells near C. G., an anicut in river 2 m. distant for animals.
			<i>Supplies.</i> —Unlimited. Grass scarce and requires previous notice.
		7	  <i>WAGOLI.</i> —10 m. Country cultivated. Road b. bridged and metalled in good order. Numerous wells along road.
		70 m. 4 f.	<i>Camping Ground.</i> —About 3 acres, S. of Purna R. by b.
			<i>Water.</i> —From Purna R. 300 yds. distant, no well.
			<i>Supplies.</i> —At one month's notice from Akola.
		8	  <i>PATSUL.</i> —10 m. Cross the Purna river at b. starting by a temporary bridge from the middle of November till June, by a Ferry Boat, capacity two carts in the rains. Shahoor nulla holds up traffic for a day or so during heavy rains. Road metalled and in good repair with Irish bridges at nallas. Country flat, fully cultivated, black cotton soil. Patsul village with b. lies $\frac{3}{4}$ m. W. of road.
		80 m. 4 f.	<i>Camping Ground.</i> —At the junction of the Akola and Shegaon roads by M. S. 20 from Akola, chiefly under plough.

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili-tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR,		<p><i>Water.</i>—One well, on C. G., others in village.  <i>Supplies.</i>—At one month's notice from Akola. Minor route 2 joins here.</p>
		9	<p><b>AKOT.</b>—8 m. A town of 5,000 inhabitants, p. o., t. s. Headquarters of Tahsil, dispensary and vety. hospital. Country and road as for last stage. Numerous wells by road side.</p>
		88 m. 4 f.	<p><i>Camping Ground.</i>—Just W. of municipal bungalow for 2 regiments.  <i>Water.</i>—Unlimited, one well on C. G., one in municipal bungalow compound, others near.  <i>Supplies.</i>—On hand for one Indian regiment. Unlimited on notice.</p>
		10	<p>Minor route 2 to Ellichpur (4 marches) and Kamptee (15 marches) diverges here. A road also runs due N. through the Melghat to Halisal (route 12); it is moorumed and bridged for 34 miles; further on the road is a fair weather track.</p>
		1 m. 4 f.	<p><b>JIRI BAZAR.</b>—16 m. Country cultivated, black (<i>Dinan Jiri on Ordnance Survey</i>). cotton soil, well wood-ed, with numerous wells. Road a country track, level for 13 m. Gradual ascent last 3 m. At 3 m. Banaoli; at 4 m. Pipal Poota; at 6m. Chota Argaon; at 8 m. Argaon (large village with space for C. G. and supplies); at 13 m. Kandala; at 15 m. Chinchli. Jiri Bazar consists of a dozen huts; Jiri, a small village lies <math>\frac{1}{2}</math> m. W.  <i>Camping Ground.</i>—200 yds. W. of Jiri Bazar; room for 2 regiments, more room when crops are cut.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF MELGHAT	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water.</i>—Stream and well; small pond with perennial spring.</p> <p><i>Supplies.</i>—Nil on hand. One month's notice required. Unlimited grass and fuel from jungle. Guides should be taken from here to Kaknor.</p>
		11	DULGHAT.—14 m. Country hilly with thick ( <i>Choki on Ordnance Survey</i> ). jungle. Road, a cleared and graded forest track, sandy in places. Ascend for 4 m. along edge of gorge; at 5½ m. Baran nala, perennial; at 6 m. Bara-khera (¾ m. right) some cultivation; at 7 m. old site of Talai.
		118 m. 4 f.	<p>At Dulghat is a forest guard's hut only.</p> <p><i>Camping Ground.</i>—On N. bank of Manjiri river.</p> <p><i>Water.</i>—From river (perennial).</p> <p><i>Supplies.</i>—At one month's notice.</p>
		12	BARAOTI.—8 m. Country hilly with thick jungle. Road, a very rough track with steep approaches to nalas; wheeled traffic takes about 5 hrs. on this march. At 2 m. cross Dulghat nala and sharp ascent for ½ m.; at 3½ m. Jam Pani nala (perennial).
		126 m. 4 f.	<p><i>Camping Ground.</i>—For 1 bde. E. and S. of village.</p> <p><i>Water.</i>—Nala just N. of village, and one well.</p> <p><i>Supplies.</i>—Nil on hand. One month's notice required. Ample grass and firewood.</p>
		13	KAKNUR.—8½ m. Country jungle for 5 m., b., p. o. (4 times weekly). clearings at intervals, then flat and cultivated. Road, metalled with, gradual descent all
		135 m.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEEUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<b>Route No. III.</b>
			<p>the way. At <math>2\frac{1}{2}</math> m. very bad approach to Baratanda village ; at 3 m. Manigarh <math>\frac{3}{4}</math> m. left ; at 5 m. Sheikhpur and cross a stream, impassable for two days after heavy rain.</p>
			<p><i>Camping Ground.</i>—S. of road near b. ; rough. <i>Water.</i>—Stream, several wells (guinea worm prevalent).</p>
			<p><i>Supplies.</i>—On hand for 200 Indian troops. One month's notice for larger quantities. Ample grass and firewood.</p>
		14	<p>SIRPUR.—13 m. 2 f. Country flat, fully cultivated, black cotton soil. Road metalled, nalas paved. At <math>3\frac{1}{2}</math> m. Dasba ; at <math>6\frac{1}{2}</math> m. Karkera ; at 8 m. Daifodia ; at <math>10\frac{3}{4}</math> m. Talao ; at <math>11\frac{1}{4}</math> m. Shikarpur.</p>
			<p><i>Camping Ground.</i>—For one Infy. Bde. along river ; bank of river E. of bungalow requires clearing. <i>Water.</i>—Utaoli river (perennial), and 2 wells.</p>
			<p><i>Supplies.</i>—On hand for 200 Indian troops. One month's notice for larger quantities. Grass and firewood from Kaknur.</p>
		15	<p>BURHANPUR.—11 m. Country flat, black b., p. o., t. s., r. s. soil, fully cultivated. Road metalled, but rough, all nalas paved. Cross Tapti river at end of stage by paved causeway, November to June, by two boats (capacity 3 carts each) in rains. At 4 m. Sinkhera ; at 5 m. Borgaon ; at <math>5\frac{1}{2}</math> m. Daryapur.</p>
			<p>Burhanpur has a population of 30,000 and is a large cotton centre with a dispensary and vety.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<h3>Route No. III.</h3>
			<p>hospital. The bungalow is in the Fort 1 m. E. of C. G. and the station is 2 m. W. of C. G.</p>
			<p><i>Camping Ground.</i>—1 m. W. of town near Mussulman Idgah at junction of station and Bahadarpur roads, room for 1 bde.</p>
			<p><i>Water.</i>—Piped supply (abundant) with large stone trough.</p>
			<p><i>Supplies.</i>—Abundant. About 100 bunnias shops. About 50 cart-loads of grass and fuel respectively are brought into the bazar daily.</p>
	16		<p>ASIRGARH.—17 m. 6 f. Country from Jhiri to Asir jungle. Road from Burhanpur to Jhiri good.</p>
	177 m.		<p>Jhiri to <math>14\frac{3}{4}</math> m. hilly and rocky and <math>14\frac{3}{4}</math> to <math>15\frac{1}{2}</math> m. metalled. At 1 m. pass Sindhipura gate; at 2 m. Borgaon, a suburb of Burhanpur, to left. At <math>4\frac{1}{4}</math> m. cross Utanli river 100 yards wide, bed muddy, banks easy; cart road to Chandni (r. s.) to right on crossing river. At <math>5\frac{1}{2}</math> m. dry nala, 50 ft. wide, with steep banks; at <math>6\frac{1}{2}</math> m. cross railroad; at 7 m. Ninleol; at <math>8\frac{3}{4}</math> m. Jhiri; at <math>14\frac{3}{4}</math> m. road to Chandni; at 16 m. village of Asir.</p>
			<p>A small village; Asirgarh Fort deserted.</p>
			<p><i>Camping Ground.</i>—<math>1\frac{3}{4}</math> m. N. of village, no shade, waste land, demarcated.</p>
			<p><i>Water.</i>—Bad. There is a pucca well on the ground.</p>
			<p><i>Supplies.</i>—No shops; no transport available.</p>
	17		<p>BORGAON.—11 m. 6 f. At 2 fr. cross a nala, p. o., r. s. (DONGARGAON bridged; at 2 m. 3 f. <math>2\frac{3}{4}</math> m.). At 3 m. cross Pandhar, 25 yds. wide, bed muddy, banks easy, running water in</p>
	188 m.		
	6 f.		

## AUTHORITIES.

Civil. Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. III.

DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.

GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

dry season. At 2 m. 7 f. cross a small nala ; bridged, bed muddy, banks wooded, at 4 m. 6 f. nala, bridged, stone arch 2 spans 20 ft. ; S. bank high rocky. N. bank easy approach, width 40 ft. ; at 5 m. 6 f. nala, bridged, banks wooded and rocky, bed rocky ; at 6 m. 5 f. a well ; at 8 m. 5 f. Paneri nala, sandy bed, banks wooded 25 ft. wide ; at 10 m. Borgaon ; at 11 m. 2 f. camping ground.

Road for last 5 m. in good repair, otherwise hilly and rocky. Dongargaon r. s. 3 m. E. *Camping Ground*.—59 acres between nala and Sukta river. Govt. property (Public Works Department).

*Water*.—From Sukta river and wells.

*Supplies*.—Available. Transport available.

Cross Route 29 Baroda to Kamptee.

18

202 m.  
3 f.

MOKULGAON.—13 m. 5 f. At 1 f. Sukta river (bridged 5 spans 50 ft. 2 spans 8 ft. either side ; bed sandy, at 2 m. 4 f. Kumti nala unbridged, Komthia village to right. At 2 m. 6 f. Bulrampur on left ; at 3 m. made road to Khandwa, 11½ m. to N.-E., branches off to right ; at 5 m. 4 f. Rustumpur ; at 6 m. Piplod ; at 8 m. cross road to Khandwa ; at 9 m. 4 f. cross Abna river, bridged. A small village.

*Camping Ground*.—30,800 sq. yds. Civil property ; there are boundary pillars.

### Route No. III

AUTHORITIES		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NIMAR AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water.</i>—From 5 wells 30 ft. to 40 ft. deep, nala and river.</p> <p><i>Supplies.</i>—Can be collected (abundant), transport available.</p>
		19	DHAISGAON.—8 m. 1½ f. At 2 f. cross Gangal river, bridged ; at 2 m. 2 f. Chaigaon-Makhr, made road to Khandwa branches off to right (distance 9 m.).
		210 m. 4½ f.	<p><i>Camping Ground.</i>—380×250 yds. 41 yds. to S. W. Civil property ; there are boundary pillars.</p> <p><i>Water.</i>—From river and wells, one pucca. Small amount transport.</p> <p><i>Supplies.</i>—None available.</p>
		20	DHORWA.—9 m. 2 f. At 3 f. cross a branch of the Bakur river at 4 m. 4 f. Bosia ; at 8 m. 2 f. short descent, Kudwaka ghat. A small village.
		219 m. 6½ f.	<p><i>Camping Ground.</i>—95,000 sq. yds. 660 yds. N. W. Civil property ; there are boundary pillars</p> <p><i>Water.</i>—Abundant ; well on ground.</p> <p><i>Supplies and transport.</i>—In small quantities ; several shops.</p>
		21	SANAWAD.—11 m. 3½ f. At 3 m. 5 f. a short t. s., r. s. descent Burdawakre ghat, at 5 m. 1 f. Dhungaum. At 5 m. travellers (b.) ; at 6 m. 5 f. Bhanburud ; at 9 m. Banswa.
RESIDENT AT INDORE.		231 m. 2 f.	

SECRETARY TO THE A. G. G. IN C. I. AT INDORE.

## GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. III.
			A large village, population 4,000, on right bank of Bankur river, with 2 serais for about 80 and 50 men. Cross the Khamgaon road near serai, r. s., $\frac{1}{2}$ m. to E. near the railway chauki. <i>Camping Ground</i> .—67,200 sq. yds. 1 m. 3 f. N.W. not demarcated. <i>Water</i> .— } 9 wells, abundant, transport <i>Supplies</i> .— } available.
22			BARWAHA OR BARWAL.—7 m. 4 f. At 3 m. b., p. o., t. s., r. s. 7 f. cross railroad; at 4 m. 2 f. road to Unkarji, branches off to right; at 4 m. 4 f. Mortaka (b.) and railway, t. s. The old road to Barwai branches off here; at 4 m. 6 f. cross the Narbada river. (Toll chaukis on S. and N. ends of bridge); at 5 m. 6 f. old road from Mortaka joins on right. A small town. Metalled road through hilly jungle. <i>Camping Ground</i> .—6·48 acres 41 yds. W. <i>Water</i> .— } Abundant; a small quantity of <i>Supplies</i> .— } carriage available.
23			BULWARA (MUKHTIARA)—10 m. 4 f. Cross b., p. o., t. s., r. s. Mahesar and Mandlesar road near p. o.; at 3 m. 1 f. Bhakhal; at 3 m. 7 f. Buniar; at 8 m. 3 f. Korawad. A small village. (Mukhtiara r. s.). <i>Camping Ground</i> .—24·70 acres, about $\frac{3}{4}$ m. N. <i>Water</i> .—From 3 wells 37 ft. deep. <i>Supplies</i> .—Available.
249 m. 2 f.			

AUTHORITIES.		No. of stage and total distance.	Route No. III.
Civil.	Mili- tary.		
		24	SIMROL.—12 m. 5 f. At 1 m. 3 f. commences ascent of Bor or Balwarika ghat, $3\frac{1}{2}$ f. long; at 5 m. 2 f. cross the Choral river (iron bridge); at 7 m. 3 f. commences ascent of Bhuti or Biakaghpat 3 f. long; at 8 m. Bavi; at 8 m. 7 f. cross Chorea nala (bridged); at 9 m. 4 f. commences ascent to Simrol ghat; at 11 m. 7 f. top of ghat. The village of Simrol is about a mile to N. <i>Camping Ground.</i> —17·91 acres. 1 m. S. <i>Water.</i> —From well on C. G. <i>Supplies.</i> —From Indore, Mhow or Balwara. Junction of Indore road.
		25	MHOW.—10 m. 6 f. At 2 m. 6 f. pass Memdi; b., p. o., t. s., r. s. at 5 m. 8 f. Amba; at 8 m. 3 f. Sutar-kheri; at 9 m. 1 f. Guzarkhera. A large cantonment, Headquarters of Central Provinces District. From here cross Main Route VIII from Bombay (31 marches) to Agra (35 marches) and Main Route XII from Jubbulpur (34 marches) to Ahmedabad (21 marches). <i>Camping Ground.</i> —N. of British Cavalry lines. On race course. <i>Water.</i> — } Abundant. <i>Supplies.</i> — }
SECRETARY TO THE A. G. G. IN CENTRAL INDIA. RESIDENT AT INDORE.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		

POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA AT MANPUR.

GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
		<b>Route No. III.</b>
26	280 m. 1 f.	<p><b>AKOLIA.</b>—7 m. 4 f. At 1 m. cross the Gambhir nala (bridged); at 2 m. 1 f. pass Kambar's huts; from 2 m. to 4 m. country cultivated; at 4 m. Bhatkheri; at 4 m. 7 f. Banjaria and Karaudia, at 6 m. 4 f. Pitampur, country covered with low jungle. A small village. A staging b.</p> <p><i>Camping Ground.</i>—600 yds. N.-E. demarcated.</p> <p><i>Water.</i>—Well near clump of trees at S. W. corner of camp.</p> <p><i>Supplies.</i>—A few shops, scarce.</p>
27	290 m. 2 f.	<p><b>UPRI</b>—10 m. 1 f. At 5 m. 3 f. Bagdum; at 6 m. 1 f. Mandlaoda; at 7 m. 5 f. Mitwara, at 9 m. 6 f. Ghat Bilode, which is in Holkar's territory. At Ghat Bilode bridge over Chambal River 150 ft. long 40 ft. high 14 spans, made of Iron and Stone.</p> <p>A metalled road runs from Ghat Bilode to Indore, on Route VIII, distance 22 m. A few houses and huts; rest house for native travellers. Country cultivated.</p> <p><i>Camping Ground.</i>—250×200 yds. 56 yds. E. on left bank of Chambal river demarcated.</p> <p><i>Water.</i>—Good, from Chambal river.</p> <p><i>Supplies.</i>—Scarce. Small supply petrol.</p>
28	299 m. 5 f.	<p><b>NAGDA.</b>—9 m. 4 f. At 4 m. cross the Bagri p. o. nala (bridged) and pass Juada; at 1 m. Saugesra; at 2 m. 2 f. Misauda; at 4 m. 6 f. Kherod; a large village; at 6 m. 15 f. Manasa,</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<b>Route No. III.</b>
			a large village ; at 9 m. 1 f. Makini. A small village. Country flat, cultivated. <i>Camping Ground.</i> —400 yds. N. E. Dhar State property. 18·05 acres. <i>Water.</i> —From Chambal rive. N. edge of C. G. <i>Supplies.</i> —Bazar on Mondays, limited.
		29	SADALPUR.—9 m. 3 f. At 1 m. 7 f. pass b. Paukheri ; at 3 m. 4 f. Route XII branches off to N. to Ahmedabad (20 marches), at 4 m. 1 f. cross Mohin nala (bridged). At 5 m. 6 f. Bhagger. 2 f. on the left, country open. A small village. <i>Camping Ground.</i> —28·27 acres, 70 yds. S. E. demarcated. <i>Water.</i> —From Bagri nala and well on ground. Drinking water from well at Dak Bungalow. <i>Supplies.</i> —Scarce.
		30	BORALI.—11 m. At 2 f. cross Chambal river (bridged) ; at 2 m. 3 f. pass Sanoli ; and Khajuria ; at 4 m. 3 f. Khaudigar ; at 5 m. 3 f. Khanwan, a large village, 5 f. on the right, Bohinda 4 f. on the left ; at 7 m. 3 f. Ritoda, at 9 m. cross the Dholighatta river (bridged) and pass Chobridge, 3 f. on the right. A small village. Country as above. <i>Camping Ground.</i> —24·43 acres, Dhar State property, with boundary pillars. <i>Water.</i> —Well on C. G. Ample supply. <i>Supplies.</i> —Scarce, small amount of transport available.
		320 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		31	SUJLANA.—10 m. 5 f. At 1 m. 6 f. Godgara; at 4 m. Pitgara; Dak Bangalow cross the Balwunti river (bridged) at 5 m. 3 f. Badnawar, a large village with a bazar and weekly markets; Road to Barnagar Rly. Station 10 m. E.; at 9 m. 2 f. Multhan, a large village with a Bazar. A small village. Country as above. <i>Camping Ground.</i> —24·43 acres, 960 yds. S.-W. private property; there are boundary pillars. <i>Water.</i> —From 3 wells, 30 ft. deep. From well on opposite side of road to camp. <i>Supplies.</i> —Scarce; 1 shop. <i>Fuel.</i> —Wood. <i>Fodder.</i> —Grass.
		330 m. 6 f.	
		32	BHILPANK.—10 m. 2 f. At 1 m. 1½ f. pass r. s. Simloda; at 2 m. 3 f. Kheri; at 4 m. 5 f. Lochiara; at 5 m. 7 f. Tindori; at 6 m. 6 f. Sarwar. A village 7 f. on the right. The village of Siklia 6 f. on the left. Country undulating; partly cultivated; large amount low jungle; Ry. Station 1 m. E. of Bhilpank. <i>Camping Ground.</i> —25·67 acres, 1,250 yds. W. marked by pillars. <i>Water.</i> —From nala after rains and well on C. G. Water in well at N. W. corner of C. G. reported bad; well gear broken. Water from nala 400 yds. S. of C. G. <i>Supplies.</i> —Few shops; scarce.
POLITICAL AGENT IN MAIWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	341 m.	

### Route No. III.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	33	RUTLAM.—9 m. 5 f. At 2 m. 5 f. Dharar ; at p. o., t. s., r. s. 7 m. 3 f. Salakheri, 3 f. on the right, boundary open. A large town, population 30,000 about a mile to left, residence of Maharajah, country as above. <i>Camping Ground.</i> —17·82 acres, N. near travellers b., demarcated. <i>Water.</i> —Abundant, depth of well 25 ft. Drinking water from Rly. Station 1 m. N. of C. G. <i>Supplies.</i> —Abundant Transport, available. Junction of the metre gauge and broad gauge lines of Bombay, Baroda and Central India Railway. From Mhow to Nasirabad and from Baroda to Muttra. Route 28 branches off to S. W. to Baroda (16 marches), or to Ahmedabad (18 marches).
		34	NAMLI.—9 m. Pass villages of Dasigaon and t. s., r. s. Sejanta (on right), Dhoswa on right bank of large nala, unbridged, and Ambta 3 f. on left. A moderate-sized village, population 4,000, a metalled road branches off from Namli to the W. to Sailana, 11 m. <i>Camping Ground.</i> —400×200 yds. N., property of Rutlam State. There are boundary pillars. Rly. $\frac{1}{2}$ m. E. of C. G. <i>Water.</i> —Large square well E. of road opposite M. S. 74 $\frac{1}{2}$ from Neemuch. Supply ample and good. <i>Supplies.</i> —Plentiful. No transport or petrol.

AUTORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	35	JAORA.—13 m. At 2 m. 5 f. Mewasa (left b., p. o., t. s., r. s. bank of Gungarta nala); at 4 m. 2 f. Murni river 100 yards wide, banks high, bed stony; at 5 m. 3 f. Pandlia-Hassan (right bank of large nala); at 9 m. Padlia-Omat, 2 f. left; at 10 m. 1 f. Lohari, 2 f. right; at 11 m. 6 f. Kumari; at 12 m. 3 f. Bannakheri, 2 f. left, and at 12 m. 6 f. cross Piria river, 100 ft. wide. A metallated road branches off from Jaora station to the W. to Piplauda 11 m., a town on Piriar river; population 21,000. About $\frac{1}{2}$ m. on right, residence of Nawab. Rly. 300 yds. E. of C. G.
		372 m. 5 f.	<i>Camping Ground.</i> —200×150 yds. N., private property. Not demarcated; irregular; bad ground.
RESIDENT AT GWALIOR.		36	<i>Water.</i> —Abundant from 4 wells 15 to 30 ft. deep. Best well in gardens E. of C. G. also well W. of C. G. <i>Supplies.</i> —Abundant. Small amount of transport available; some petrol. DHODAR.—9 m. 3 f. At 2 m. 4 f. Arnia village b., t. s., r. s., of Bagakhera, 2 f. right; at 5 m. 4 f. Cross Bhutia nala, at 5 m. 6 f. Rinchia. A small village. <i>Camping Ground.</i> —375×300 yds., 560 yds. N.-W., property of Jaora State demarcated. <i>Water.</i> —Scarce in March, enough for 1 Battery, in a well and nala. Drinking water from well at Dak Bangalow. Animals at stream under Rly. Arch. <i>Supplies.</i> —Small amount of supplies and transport available. No petrol.
		382 m.	

### Route No. III.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		37	BURRA-DILAUDA.—11 m. 4 f. At 2 m. Man-b., t. s... r. s.
		393 m. 4 f.	Akia on right ; at 8 m. 6 f. Lak Makheri 2 f. left. A small village. Population about 600. Station $\frac{1}{2}$ m. W. of C. G. Village $\frac{1}{2}$ m. S. of C. G. <i>Camping Ground</i> .—840 yds. N. with 12 boundary pillars, the property of Gwalior State. Surface cultivated. <i>Water</i> .—Plentiful from wells. Best well 100 yds. E. of Road opposite M. S. 40 from Neemuch ; 3 wells S. of C. G. one usable. Water in others bad. <i>Supplies</i> .—Moderate, no petrol.
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	38	MANDESOR.—10 m. 4 f. At 4 m. 3 f. Fatch-b., p. o., t. s., r. s. garh, on right bank of Samli nala 200 ft. wide ; at 6 m. 6 f. Khera 1 f. on right ; at 9 m. 2 f. Chandarpura on left, at 9 m. 4 f. Tori on left, and cross Seu river (bridged). A large walled town, partly built on an island in Seu or Subna river. Population 16,000. <i>Camping Ground</i> .—620 $\times$ 400 yds. W. of road. The property of Gwalior State ; 12 boundary pillars. Surface good. <i>Water</i> .—Abundant ; one well 75 ft. deep. Best well at Dak-Bungalow opp. M. S. 30 from Neemuch. Animals at large lake W. of C. G. <i>Supplies</i> .—Abundant ; transport available ; no petrol.
		404 m.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. III.
RESIDENT AT GWALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	39	PANTH PIPLIA.—10 m. 3 f. At 3 m. 4 f. b., r. s. Bhaniakhera ; at $5\frac{1}{2}$ m. village of Guraris 3 f. on left ; at 7 m. 1 f. Botalganj ; at 8 m. 1 f. Tharaud 3 f. on right ; at 10 m. 1 f. Honkri, 2 f. on left. A small village. Rly. Station $\frac{1}{2}$ m. E. of C. G. Metalled road to Rly. Station 1 m. N.-E. of C. G. <i>Camping Ground.</i> —400×300 yds., 400 yds. S.-W., property of Gwalior State ; 12 boundary pillars. Surface covered with scrub; nala through centre of C. G. A better place near village of Bai, 3 m. S.-W. from Panth-Piplia road, with shade and plenty of space. <i>Water.</i> —Good from 4 wells, 20 ft. deep. <i>Supplies.</i> —Scarce.
POLITICAL AGENT IN MALWA AT MANPUR.		40	CHALDU.—14 m. 3 f. Pass villages of b. Khotiakheri, Barkhera, Immited, Salauri (3 f. left) and Malhargarh (large village surrounded by kacha wall in bad repair, travellers b., detachment of sowars here and Molia) ; 10 m. cross Retam river, Chaldu. Country open. A small village. <i>Camping Ground.</i> —400×300 yds. 407 yds. N.-E. Somewhat stony. <i>Water.</i> —From Retam river, and wells. Well on camping ground ; ample supply. <i>Supplies.</i> —Few shops. All supplies are brought from Jiram, 3 m. distant. <i>Forage.</i> —Plenty.
		428 m. 3 f.	

AUTHORITIES.		No. of stage. and total distance.	
Civil.	Mili- tary.		Route No. III.
POLITICAL AGENT IN MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	41 440 m. 2 f.	NEEMUCH.—11 m. 7 f. At 1 m. 6 f. Arkia <i>b., p. o., t. s., r. s.</i> nala. Pass villages of Kasari (3 f. left), Bhat- khera, Jammunia, ( <i>b.</i> ), and Singoria; country open. A cantonment. Neemuch to Gcona by route No. 34. Ahmedabad to Neemuch route No. 26. <i>Camping Ground.</i> —180×180 yds. N.-E. of Church of England, close to road. Private property. Demarcated. Water.— } Abundant. Supply.— }

## Route No. VI.

DHANURA TO HAMIRPUR.

*Length 526 m. 5 f.*

*49 Marches.*

PORTION OF MAIN ROUTE FROM WELLINGTON TO  
LUCKNOW.

*Authority and date (month and year).*—Kamptee to Jubbulpore, Officer Commanding, 95th Battery, Royal Field Artillery, November 1913.

Jubbulpore-Damoh corrected October 1921 by 37th Dogras.

*Epitome.*—General directions N.-N.-E. The road from Dhanura to Nagpur is almost totally unmetalled; motorable in fair weather but bridged to within 4 miles of Nagpur, crossing several rivers by ford (all impassable in the rains). From Nagpur to Seoni-Jubbulpore and Damoh the road is metalled and motorable (*see* remarks under Jubbulpore, page 29).

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.	COL. COMDT. 21ST I. I. BD., JUBBULPORE.		<p><b>DHANURA.</b>—A small village on the Penganga river, which is 380 yds. wide, bed sandy, banks high and steep, fordable except during rains, when it is crossed by boats.</p> <p><i>Camping Ground.</i>—On river bank (high and dry).</p> <p><i>Water.</i>—From river, except during a drought.</p> <p><i>Supplies.</i>—By route VI from Wellington to Dhanura 716 m. in 74 marches. (<i>See</i> Volume IX of 1912).</p>

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		
DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	MAKETTUN.—7 m. 7 f. Black cotton soil. Road very bad. Cross several nalas un-bridged. <i>Camping Ground.</i> —Fair. <i>Water.</i> —From 2 wells N., and 2 camps E. and W. <i>Supplies.</i> —Good.
		2	KHAIRI.—8 m. 5 f. Country cultivated ; black cotton soil. Very bad ; rocky road, difficult for carts. A large village with numerous shops. <i>Camping Ground.</i> —To S.-W. low and bad, sufficient for a regiment. <i>Water.</i> —Plentiful from wells. <i>Supplies.</i> —Numerous shops in village.
		3	WUN.—12 m. 5 f. A fair-weather road ; coun- try cultivated, soil black. The road as far as the Wardha river (which forms the boundary between Berar and the Central Provinces) 6 m. is metalled ; the river is fordable except during the rains, when it is crossed by boats. Cross several nalas and a river, unbridged. Headquarters of Sub-district of Wun ; population 5,000. <i>Camping Ground.</i> —High and good. <i>Water.</i> —From wells, tank and nala, good and ample. Route No. 4 joins here.

### Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NAGPUR.	DEPUTY COMMISSIONER OF YEOTMAL, YEOTMAL.	4	WARORA.—12 m. 4f. Road metalled, fit for <i>p. o., t. s., r. s.</i> motors in dry weather. Wardha bridge for country carts only; in wet weather Public Works Department ferry takes two carts or 40 men. Tehsil head-quarters, population 8,000. <i>Camping Ground.</i> —25 acres. Government ground. <i>Water.</i> —From wells and tank. <i>Fuel.</i> —3 days' notice. <i>Supplies.</i> —Grain, atta, grass and kurbi avail- able.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE,	JUBBULPORE.	5	CHICHARA.—9 m. 4f. Road unmetalled, but bridged, 4 huts in middle of jungle. <i>Camping Ground.</i> —In open space E. of village belonging to Malguzar. <i>Water.</i> —There is a well near that dries up in summer; it requires deepening and its parapet walls and platform require repairs. <i>Supplies.</i> —Moderate on notice.
		6	NANDORI.—11 m. 4f. Road as above. Cross Pothra river by ford, impassable in rains. A small village police post. <i>Camping Ground.</i> —Good but $\frac{1}{2}$ m. from water. <i>Water.</i> —Several wells and 2 small tanks. <i>Supplies.</i> —On notice.
		7	JAM.—8 m. 4f. Road as above. A small village. <i>Camping Ground.</i> —Good.
		71 m. 1 f.	

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			
		8	<i>Supplies.</i> —On notice. <i>Water.</i> —Large well and tanks.
		79 m. 1 f.	KANDRI.—8 m. Road as above ; cross Ajoda b. nala ; dry sand, but impassable in rains. A small village. <i>Camping Ground.</i> —Good, on S. (left) bank of Wanna river. <i>Supplies.</i> —On notice. <i>Water.</i> —Good and abundant from Wanna river.
		9	BORI.—14 m. Road as above ; cross Wanna p. o., t. s., r. s. river by ford in dry weather. Impassable. in rains. Two small canals. A large village. <i>Camping Ground.</i> —300 yds. W. of r. s. <i>Supplies.</i> —Plentiful. <i>Water.</i> —From nala and wells.
		102 m. 3 f.	PARSORI.—9 m. 2 f. Road as above ; cross Wardha river by ford except in rains, when there is a boat raft taking 12 passengers or one cart. A small village. <i>Camping Ground.</i> —good. <i>Supplies.</i> —On notice. <i>Water.</i> —From nala and wells. (One Government well close to camping ground, kept clear of brushwood).

## COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

## Route No. VI.

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
	11	NAGPUR.—10 m. 6 f. Road as above to <i>p. o., t.s., r. s., b.</i> within 4 m. of Nagpur, after which metalled and good. A large and important town. Headquarters of Governor, Central Provinces. Government Fort Sitabaldi overlooking <i>r.s.</i> has a British Infantry detachment.
	113 m. 1 f.	<i>Camping Ground.</i> —Large and good 2 m. E. of Nagpur, on N. side of Kampti-Nagpur road by octroi post. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful.
	12	KAMPTEE.—10 m. A cantonment. <i>p. o., t. s., r. s., b.</i>
	123 m. 1 f.	<i>Supplies.</i> —Obtainable. <i>Water.</i> —Obtainable.
	13	MUNSAR.—16 m. 4 f. Soil black. <i>b., p. o., r. s.</i> (Ramtek road metalled 2 m. and bridged). Between Almri and Munsal pass metalled road running E. to Ramtek with proposed extension to Kodamendi and thence to Tharsa <i>r. s.</i> , also proposed metalled road to Parseoni. A good sized village.
	139 m. 5 f.	<i>Camping Ground.</i> —Good W. of village. <i>Water.</i> —From tank and few wells. <i>Supplies.</i> —Can be collected.
	14	DEOLAPAR.—15 m. 6 f. Soil hard and rocky. <i>b., p. o.</i> Road as above. A small village.
	155 m. 3 f.	<i>Camping Ground.</i> —E. of village. <i>Water.</i> —From tank and few wells. <i>Supplies.</i> —Can be collected.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
		15	KHAWASA.—9 m. 4 f. Country hilly and jungly. Road as above. Moderate-sized village. Water.—Abundant from well and tank. Supplies.—Abundant.
		164 m. 7 f.	KURIA.—8 m. 6 f.—Country jungly, road as b., p. o. above. A moderate sized village. <i>Camping Ground</i> .—Good S. of village. 9,600 sq. yds. Supplies.—Abundant. Water.—Abundant, a tank N. of village and two wells close by in village.
		16	MOHGAON.—8 m. 4 f Country jungly ; road as above, rise about 800', well graded road. A small village. <i>Camping Ground</i> .—Good, S. of village. Water.—Abundant from well nearby. Supplies.—On notice.
		17	SEONI.—11 m. 4 f. Country opens out a few b., p. o., t. s., r. s. miles before Seoni. Soil black, road as above. Road partly metalled, branches off from Seoni to Bhandara, distance 85 miles in 6 stages. A large town, Civil station, Rly. line from Mandla to Chindwara, Headquarters of civil district.
DEPUTY COMMISSIONER OF SEONI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	182 m. 1 f.	
		18	
		193 m. 5 f.	

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
		<i>Camping Ground.</i> —Good, to N. of town. <i>Supplies.</i> —Obtainable. <i>Water.</i> —Good from pakka well which is cleared after rains.
	19	BANDOLE.—11 m. Country open ; road as p. o., t. s. above. A small village.
	204 m. 5 f.	<i>Camping Ground.</i> —Good, W. of village. <i>Water.</i> —Plentiful from well. For animals from tank which is dry in hot weather. <i>Supplies.</i> —Plentiful.
	20	CHAPPARA.—11 m. 7 f. Country open ; road b., p. o., as above. A large village.
	216 m. 4 f.	<i>Camping Ground.</i> —To the S. E. of village. <i>Water.</i> —Plentiful from two wells and for animals from the Waingunga. <i>Supplies.</i> —Plentiful near Gungawari.
	21	GANESHGANJ.—9 m. 3 f. Country partly p. o. jungly ; road as above. A small village.
	225 m. 7 f.	<i>Camping Ground.</i> —Indifferent to the W. of village. <i>Supplies.</i> —Abundant. <i>Water.</i> —From river abundant. The water of the Bijna river which is close by is used for drinking purposes by travellers and villagers, as the water from well on Camping ground is not much liked by the people ; nevertheless it is fit for drinking.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	22	LAKHNADON.—7 m. Country open. Road b., p. o., t. s. as before. Long steep ascent after leaving Ganeshganj. A good sized village. Tahsil headquarters. <i>Camping Ground.</i> —Good, E. of village. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful, two wells, one belonging to C. G., one to Government, water in both good, and plentiful. C G. well dries up in hot weather. Animals water in stream nearby except in hot weather when they have to go 2 miles to water.
		232 m. 7 f.	DHUMA.—13 m. 5 f. Country open. Road as b., p. o. above Moderate sized village. <i>Camping Ground.</i> —To E. of village. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful from 1 well. Animals water from tank except at end of hot weather when it is dry.
		23	SUKRI.—12 m. 4 f. Country open. Road as b., p. o., t. s., r. s. before. Between mile 7 and m. 8 steep descent of several hundred feet with two sharp turns. A good sized village. <i>Camping Ground.</i> —400 yds. N.-E. of village 400 × 310 yds. Stony ground, $\frac{1}{3}$ ploughed; rest kept clear of brush wood. <i>Water.</i> —Good, for a Battalion, from two wells close to camping ground; water for animals from Temar stream, 80 yds. E. of C. G. <i>Supplies.</i> —Procurable in small quantities.
		24	
		259 m.	

## DEPUTY COMMISSIONER OF JUBBULPORE.

## COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		25	NIGRI.—9 m. 7 f. Country open. Road as above. Pass Bargi at 6 m. 3 f. A small village. <i>Camping Ground.</i> —W. of road near village 350 × 230 yds. <i>Supplies.</i> —On notice. <i>Water.</i> —Indifferent, limited water from well, which is nearly dry for half the year, close to camping ground and a nala. Animals may be watered at a stream 50 yds. N. of C. G. The Tinrat nala has a good supply of water.
		26	JUBBULPORE.—10 m. 1 f. Country open. <i>b., p.o., t.s., r.s.</i> Road as above; cross Narbada by embankment and trestle bridges in all seasons except the rains when the bridge is removed and a ferry used. The approach to the trestle bridge or ferry is very sandy and soft. Road crosses main route XII. (See route XII, Stage 18).
		27	BELKHARU.—11 m. A small village. <i>Camping Ground.</i> —S. E. of village, 26,620 sq. yds. <i>Supplies.</i> —Procurable. <i>Water.</i> —For 2 Battalions from well on camping ground S.-E. of village. Well overgrown, requires clearing.

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF JUBBULEORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULEORE.	22	LAKHNADON.—7 m. Country open. Road <i>b., p. o., t. s.</i> as before. Long steep ascent after leaving Ganeshganj. A good sized village. Tahsil headquarters. <i>Camping Ground.</i> —Good, E. of village. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful, two wells, one belonging to C. G., one to Government, water in both good, and plentiful. C G. well dries up in hot weather. Animals water in stream nearby except in hot weather when they have to go 2 miles to water.
		232 m. 7 f.	
		23	DHUMA.—13 m. 5 f. Country open. Road as <i>b., p. o.</i> above Moderate sized village. <i>Camping Ground.</i> —To E. of village. <i>Supplies.</i> —Plentiful. <i>Water.</i> —Plentiful from 1 well. Animals water from tank except at end of hot weather when it is dry.
		246 m. 4 f.	
		24	SUKRI.—12 m. 4 f. Country open. Road as <i>b., p. o., t. s., r. s.</i> before. Between mile 7 and m. 8 steep descent of several hundred feet with two sharp turns. A good sized village. <i>Camping Ground.</i> —400 yds. N.E. of village 400 × 310 yds. Stony ground, $\frac{1}{3}$ ploughed; rest kept clear of brush wood. <i>Water.</i> —Good, for a Battalion, from two wells close to camping ground; water for animals from Temar stream, 80 yds. E. of C. G. <i>Supplies.</i> —Procurable in small quantities.
		259 m.	

## DEPUTY COMMISSIONER OF JUBBULPORE.

## COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
	25	NIGRI.—9 m. 7 f. Country open. Road as above. Pass Bargi at 6 m. 3 f. A small village.
	268 m. 7 f.	<i>Camping Ground.</i> —W. of road near village 350 × 230 yds. <i>Supplies.</i> —On notice. <i>Water.</i> —Indifferent, limited water from well, which is nearly dry for half the year, close to camping ground and a nala. Animals may be watered at a stream 50 yds. N. of C. G. The Tinrat nala has a good supply of water.
	26	JUBBULPORE.—10 m. 1 f. Country open. b., p.o., t.s., r.s. Road as above; cross Narbada by embankment and trestle bridges in all seasons except the rains when the bridge is removed and a ferry used. The approach to the trestle bridge or ferry is very sandy and soft. Road crosses main route XII. (See route XII, Stage 18).
	279 m.	BELKHARU.—11 m. A small village.
	27	<i>Camping Ground.</i> —S. E. of village, 26,620 sq. yds. <i>Supplies.</i> —Procurable. <i>Water.</i> —For 2 Battalions from well on camping ground S.-E. of village. Well overgrown, requires clearing.
	290 m.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JURBULPORE.	28 303 m.	KATANGI.—13 m. Country level and cultivated; road as before. <i>b., p. o.</i> A large village. River bridged in dry weather from end of October to middle of June. After which crossing by ferry. Approaches to ferry bad, difficult for heavy transport. Well requires cleaning. <i>Camping Ground.</i> —N. of village, 114,950 sq. yds. <i>Supplies.</i> —Ample. <i>Water.</i> —Good, from well on camping ground.
		29 312 m.	SINGRAMPUR.—9 m. Country undulating and jungly; road as above. <i>b., p. o.</i> Pass Kunda at 3 m. and Jamunia at 5 m. A large village. <i>Camping Ground.</i> —W. of village. <i>Supplies.</i> —Ample. <i>Water.</i> —Abundant from 2 wells, disinfected every two months, in vicinity of camping ground.
		30 321 m.	JABHERA.—9 m. Country and road as before. <i>p. o.</i> Pass Hinoti at 7 m. A village. <i>Camping Ground.</i> —E. of village. <i>Water.</i> —For a Battalion and Battery from a well, and water for animals from tank which is on camping ground. <i>Supplies.</i> —Ample.

## Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	31	NUHTA.—11 m. 1 f. Country and road as before. Cross the Bidari Ghat at 2 m. 1 f. Hurdua at 8 m.; Pipuria at 9 m. A small village, camping ground is kept cleared. <i>Camping Ground.</i> —E. of village, 153,180 sq. yds. <i>Supplies.</i> —Ample. <i>Water.</i> —For a Battalion and Battery from river close by, well on C. G.
		332 m. 1 f.	DAMOH.—14 m. Country hilly and jungly, b., p. o., t. s., r. s. road metalled and bridged, suitable for all arms. Cross the Biarmi river near Nohta; pass Abhana at 2 m.; Huthni at 8 m., Mahtal at 11 m. A small civil station. <i>Camping Ground.</i> —S. of Road, 53,330 sq. yds. <i>Supplies.</i> —Ample. <i>Water.</i> —Good from two wells, one with trough near C. G. which is S. of road about $\frac{1}{4}$ m. from Bazar. Railway from Katni to Saugor.
		32	NARSINGARH.—13 m. Country level, partly cultivated; road metalled, bridged, suitable for all arms; pass Umri and Kukra and cross Kopra river. A village. <i>Camping Ground.</i> —Stony and the soil <i>murrum</i> W. of village 430 × 260 yds. <i>Supplies.</i> —Ample. <i>Water.</i> —Abundant, good from the Sonar river.
		33	359 m. 1 f.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. VI.
D. C. OF DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	34  368 m. 1 f.	BATIAGARH.—9 m. Country and road as before. The Sonar river is crossed in the 1st mile by causeway, ferry in rains (1 large boat to carry 50 and one small boat to carry 16 men). A large village. <i>Camping Ground.</i> —S.E. of village, 54,250 sq. yds. <i>Supplies.</i> —Ample. <i>Water.</i> —Abundant and good from stream and well near C. G.
		35  381 m. 1 f.	BAXWAHO.—13 m. Country jungly; road unmetalled; passable for all arms, winds over a stony Ghat, near Batiagarh, 1½ m. long; very difficult and narrow in places, gradient 1 in 18. Cross several nalaas and the Bainkh stream <i>en route</i> , all fordable. A large village. <i>Camping Ground.</i> —W. of road 300×250 yds. <i>Supplies.</i> —Fuel, gram and grass plentiful. Camel grazing scarce. <i>Water.</i> —For a battalion, from a well 100 yds. E. of C. G.
		36  391 m. 1 f.	HIRAPUR.—10 m. Country as before. Road 600×250 yds. a fair weather track, last 2 m. stony and rough, pass Barrati at 3 m. and Garahi at 5 m. A village. <i>Camping Ground.</i> —E. of and near village; it is not cultivated as it is within forest limits; it is kept clear of brushwood.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A. IN BUNDELKHAND, NOWGONG.	DEPUTY COMMISSIONER OF SAUGOR.	
29TH L. I. BDE. JHANSI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
37		
400 m.		
7 f.		
38		
407 m.		
1 f.		
39		
417 m.		
7 f.		

## Route No. VI.

*Supplies.*—Fuel and grass plentiful, other supplies on notice.

*Water.*—Good and sufficient from well, with trough and iron pulleys, and tank  $\frac{1}{2}$  m. W. of C. G.

SARWA.—9 m. 6 f. Country thick jungle; b. road as before for 3 m., then metalled and in good order. At 5 m. 2 f. descent of Dergao Ghat, easy gradient; at 6 m. cross Kati river, fordable except when in flood at small village.

*Camping ground.*— $\frac{1}{4}$  m. S. of village. 72,080 sq. yds.

*Supplies.*—Fuel and grass plentiful.

*Water.*—Good, for battalion, from well on camping ground. For animals small nulla running through C. G.

MULBARA.—6 m. 2 f. Road as before, thick b. jungle either side; cross the Siamri river by causeway, impassable after heavy rains. A village.

*Camping Ground.*—Near village. 98,650 sq. yds.

*Supplies.*—Plentiful.

*Water.*—Good from two wells on C. G.

GULGANJ.—10 m. 6 f. Country and road as before; cross the Magrar Nadi (bridged) at  $3\frac{1}{2}$  m. and pass Mugwari at  $3\frac{1}{2}$  m. A large village.

### Route No. VI.

AUTHORITIES.		No. of stage and total distance.	Route No. VI.
Civil.	Mili- tary.		
POLITICAL, AGENT IN BUNDELKHAND, NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
			<i>Camping Ground.</i> —E. of road 350×125 yds. not demarcated N. of and adjoining Dak Bungalow.
			<i>Supplies.</i> —Plentiful.
			<i>Water.</i> —Clear and abundant from well in inspection Bungalow grounds. Well on C. G. should not be used. For animals from nulla 1 m. N. of C. G.
	40		MATGAON.—11 m. Country and road as before. Cross the Paniari stream at 1½ m., pass Angor at 4 m. 4 f., and Khairo at 8 m. 4 f.
	428 m.		A small village.
	7 f.		<i>Camping Ground.</i> —229,460 sq. yds., at 10 m. 2 f. W. of road demarcated.
			<i>Supplies.</i> —Procurable.
			<i>Water.</i> —Good, from well on C. G. For animals from nulla 1 m. N. of C. G.
	41		CHHATARPUR.—9 m. 7 f. Country jungly, b., p. o. road mettalled and in good order, pass Choka at 3 m. 2 f. and Lalon at 7 m. 3 f.
	438 m.		A large town.
	6 f.		<i>Camping Ground.</i> —1 m. S.-E. of City. 250×150 sq. yds., E. of road demarcated.
			<i>Supplies.</i> —Plentiful.
			<i>Water.</i> —Good, from well at N.-E. corner of C. G.
	42		MALARA.—11 m. 2 f. b. Country and road as before, a large village in the Chhatarpur State.
	450 m.		

COLLECTOR OF HAMIRPUR.

COLONEL COMMANDANT, 26TH INDIAN INFANTRY BRIGADE, JHANSI.

AUTHORITIES.	Mili-tary.	No. of stages and total distance	
Civil.			<b>Route No. VI.</b>
			<i>Camping Ground.</i> —1 f. N. of village. 400×160 yds. <i>Supplies.</i> —On notice. <i>Water.</i> —Good, from well on C. G.
	43		SRINAGAR.—11 m. 3 f. Country hilly and p. o. jungly; road as above in the 8th m. the Urmel stream, impassable in flood, is crossed by an Irish bridge. A village. <i>Camping Ground.</i> —60,670 sq. yds., E. of and close to village. <i>Water.</i> —Abundant and good from 2 wells on C. G. <i>Supplies.</i> —Procurable. To Cawnpore (3 marches) and Lucknow (7 marches). See U. P. District Route Book.
	461 m. 3 f.		MAHOBA.—9 m. 4. f Small Town. Hilly p. o., t. o., r. s., b. Country. Road all arms. <i>Camping Ground</i> —64,410 sq. yds. E. <i>Water.</i> —Wells, Tank, Canal.
	44		KABRAL.—11 m. 2 f. Pass Kan. Pahari 5 m. p. o., t. o., r. s. 2. f Gagora 7 m. 6 f.
	470 m. 7 f.		
	45		
	*1 f.		
	46		
	482 m. 1 f.		
	494 m. 1 f.		
			KHANNA.—12 m. p. o. <i>Camping Ground.</i> —210×210. E. village. <i>Water.</i> —2 well. Tanks; Good grazing camels a

### Route No. VI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF HAMIRPUR.			
COL. COMMANDANT, 21ST INDIAN INFANTRY BR., JUBBULPORE.			
		47	MAUDSHA.—10 m. 4 f. Cross Chandrawal 7 m. 4 f. fordable in dry weather, not. in rains Road unmetalled, unfit for transport. <i>Camping Ground.</i> —10,000 sq. yds. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
		504 m. 5 f.	
		48	SUMERPUR.—13 m. Pass Makraon 5 m. Road fit for transport only in dry weather; 22 f. wide. Cross Chandrawal river 3 m. <i>Ford.</i> —Ferry rains. <i>Camping Ground.</i> —S.-W. of village 310×290. <i>Water.</i> —2 wells.
		517 m. 5 f.	
		49	HAMIRPUR.—9 m. Metalled. Cross Betwa b., p. o., t. o. Bridge of boats; ferry rains (4 large boats). Large Town; Civil Station; r. s. Hamirpur, road 5 m. <i>Camping Ground.</i> —E. 375×340. <i>Water.</i> —Wells, R. <i>Supplies.</i> —Plentiful.
		526 m. 5 f.	

### Route No. VII.

## FROM SAWARGAON TO SOHELA OR HALDIPALLI.

*Length 568 m. 4 f.*      *54 Marches*

*Authority and date (month and year).*—Stages 1 to 18 General Officer Commanding, 9th (Secunderabad) Division; stages 19 to 42 and 51 to 54 General Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur June 1909; stages 43 to 50 Lieutenant G. S. Cooper, R. F. A., March 1913.

*Epitome*.—General direction E. N. E. From Sawargaon to Nagpur the road is unbridged and can only be used in dry weather. As far as Basim it is unmetalled, but in fair order; thence to Karanja there is a good metalled road. From Karanja to Shemangaon it is metalled in parts and thence to Nagpur is a mere fair-weather track, impracticable in rains. The country is hilly and rough as far as Karanja, thence to the Wardha river, a flat, black cottons soil plain is traversed, with a few hills in the later stages.

From Nagpur to Seongi the road is first class, metalled and bridged throughout, thence to Sohela 3rd class over red soil, except between Raipur and Tumgaon, when it is metalled.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	COLONEL, COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JURRAPORE.		SAWARGAON.—From Bombay 312 m. 6 f. in 25 marches. <i>Camping Ground.</i> —13 acres, to N. and W. of village. <i>Water.</i> —One well, does not run dry, sufficient for 1,000 men and 200 cattle. <i>Supplies.</i> —For 1,000 men and 200 cattle at a month's notice.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	RAJA KINGAON.—14 m. 6 f. Country hilly. Soil red and black. At about $3\frac{1}{2}$ m. Sindkhavi, a large village approached by a steep and stony descent. A small village. <i>Camping Ground.</i> —15 acres. <i>Water.</i> —Unlimited. <i>Supplies.</i> —For 1,000 men and 300 cattle at a month's notice.
		14 m. 6 f.	DOSALBIR.—4 m. 7 f. At 3 m. cross Purna river, steep banks and nala, unbridged. <i>Camping Ground.</i> —19 acres, high, dry and open. <i>Water.</i> —Good, unlimited, and near at hand, and from the nala. <i>Supplies.</i> —Procurable for 1,000 men and 200 cattle with assistance from other villages at 1 month's notice.
		2	ANJNI.—12 m. 6 f. Road stony in places and passes over 2 ascents, otherwise good; country partly jungle and partly cultivated; soil mostly black; a bad nala to cross at 9 m. cross a nala, unbridged. A fair sized village. <i>Camping Ground.</i> —(i) 26 acres, and (ii) 34 acres. <i>Water.</i> —Unlimited in several fields near by. <i>Supplies.</i> —Procurable for 1,000 men and 200 cattle with assistance from other villages at a month's notice.
		19 m. 5 f.	
		3	
		32 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil	Mili- tary.		
D. C. OF BULDANA, BULDANA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	4	<p>MEHKAR.—8 m. 1 f. Country open and cultivated; soil black; road good in dry weather; a bad nala crossed at beginning of stage. Cross the Penganga river and 9 nalas, unbridged.</p> <p>A large town with a dilapidated wall round it situated on high ground on the left bank of the river, the banks of which are low and the bed sandy.</p> <p><i>Camping Ground.</i>—(i) 24 acres and (ii) 35 acres.</p> <p><i>Water.</i>—Sufficient for 2,000 men and 500 cattle from a tank supplemented by wells.</p> <p><i>Supplies.</i>—Procurable for 2,000 men and 500 cattle with assistance from other villages at a month's notice.</p>
DEPUTY COMMISSIONER OF AKOLA, AKOLA.		5	<p>PIPRI OR PIMPRI.—13 m. 4 f. Road first seven miles and last 3 m. metalled and bridged and in good order, the rest under construction. (Oct. 1921) Kause River in mile 11 (eleven) unbridged and difficult in rains.</p> <p><i>Camping Ground.</i>—Good, about 13 acres.</p> <p><i>Water.</i>—From 2 wells for 1,000 men and 1,000 cattle, not likely to give out in dry weather.</p> <p><i>Supplies.</i>—Can be collected for 25 men only at a week's notice.</p>
		6	<p>CHANDAS.—7 m. 4 f. Road metalled and b. bridged except first mile. Pipri nulla close to village unbridged.</p>
		61 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
		7	<i>Camping Ground.</i> —In front of Dak bungalow about 16 acres. <i>Water.</i> —Unlimited from wells. <i>Supplies.</i> —Can be collected for 25 men and 50 animals at a week's notice.
		67 m. 4 f.	SIRPUR.—6 m.— <i>Camping ground.</i> —About 8 p. o. acres. A fair sized village with hospital. <i>Water.</i> —Unlimited. <i>Supplies.</i> —Can be collected for 300 men and 500 animals at a month's notice.
		8	BASIM.—12 m. <i>Vide</i> main route No. III b., p. o., t. s. stage No. 2. Main Route No. III crosses and Route No. 3 joins here.
		79 m. 4 f.	PALDI.—10 m. 4 f. Road metalled. Soil black; country undulating and partially cultivated; river passable in dry season. A small village. <i>Camping Ground.</i> —About 35 acres. <i>Water.</i> —From well for 1,000 men and animals also from nallas, not likely to give out in a dry year. <i>Supplies.</i> —Can be collected for 50 men and 75 animals at a week's notice.
		9	MANGRUL PIR.—14 m. Road metalled b., p. o. and good. Soil black. A Public Works Department rest house and Dak Bungalow here.
		90 m.	
		10	
		104 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
11		111m. 4f.	<p><i>Camping ground.</i>—High dry and good, to N.-W. about 35 acres.</p> <p><i>Water.</i>—For 1,000 men and animals from wells likely to give out in a dry year.</p> <p><i>Supplies.</i>—For 1,000 men and animals at 2 weeks' notice.</p>
12		121 m.	<p>SHIVANI.—7 m. 4 f. Country undulating and cultivated.</p> <p>Cross the Aran river, and a nala, unbridged.</p> <p>Impassable during heavy rain.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—High and dry, close, about 4 acres.</p> <p><i>Water.</i>—For 1,000 men and animals from wells and Aran river, likely to give out in a dry year.</p> <p><i>Supplies.</i>—Can be collected at 1 month's notice.</p>
13		134m.2 f.	<p>KARANJA.—9 m. 4 f. Road to Karanja b., p. o., t. s., r. s. is metalled. Routes Nos. 3 and 4 cross in this stage.</p> <p>A large town.</p> <p><i>Camping Ground.</i>—About 31 acres.</p> <p><i>Water.</i>—Unlimited.</p> <p><i>Supplies.</i>—Can be collected for 25,000 men, and animals at a week's notice.</p>
			BHAM.—13 m. 2 f. Road metalled. Soil black; cross 4 nalas, unbridged.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	14	<p><i>Camping Ground.</i>—Open and near village about 19 acres.</p> <p><i>Water.</i>—Unlimited.</p> <p><i>Supplies.</i>—For 5,000 men and animals at 2 weeks' notice.</p>
		147 m. 5 f.	<p>LONI.—13 m. 3 f. Road unmetalled, difficult in rains, Cross 1 river and 2 nala's unbridged.</p> <p><i>Camping Ground.</i>—Good, about 2 acres.</p> <p><i>Water.</i>—Unlimited, from wells, except in dry season, when only 200 men and 50 cattle can be watered.</p> <p><i>Supplies.</i>—Generally food is available for about 100 men; 10 days' notice will be necessary to collect supplies and forage.</p>
		15	<p>AMRAOTI,—11 m. 3 f. Two travellers' bunks., p.o., t.s., r.s. gallows, headquarters of the district; road from Amraoti to Nagpur fully bridged and metalled and is motorable in all seasons. Six nala's, bridged. At 6 m. Bandera cross Great Indian Peninsula Railway, Bhusawal-Nagpur. Route No. 5 crosses here.</p> <p>A large town.</p> <p><i>Camping Ground.</i>—Good, about 19 acres.</p> <p><i>Water.</i>—Unlimited from wells except in dry season, when only 1,000 men and 500 animals can be watered.</p> <p><i>Supplies.</i>—Procurable for 500 men, if food for more is required 10 days' notice is necessary.</p> <p><i>Fuel.</i>—10 days' notice is required.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		Route No. VII.
D. C. AKOLA.	D. C. AKOLA.	16  166 m. 4 f.	NANDGAONPETH.—7 m. 4 f. Road metaled, p. o. Route No. 7 starts here. <i>Camping Ground.</i> —Two acres, a large village. <i>Water.</i> —Unlimited from wells and nala, except in dry season, when only 500 men and 100 cattle can be watered. <i>Supplies.</i> —Available for 100 men; if more is required 10 days' notice is necessary. <i>Forage.</i> —10 days' notice is necessary.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	17  174 m. 4 f.	SHEMANGAON.—8 m. Road metalled. Cross 3 nalas, bridged. A small village. <i>Camping Ground.</i> —Good, about 31 acres. <i>Water.</i> —For 800 men and 700 animals from 4 wells, likely to give out in a dry year. <i>Supplies.</i> —Will have to be collected from the surrounding large villages.
DEPUTY COMMISSIONER OF WARDHA.	DEPUTY COMMISSIONER OF WARDHA.	18  186 m. 7 f.	ISAPUR.—12 m. 3 f. Road unmetalled. Soil black; cross Wardha and numerous nalas, bridged. <i>Camping Ground.</i> —About 5 acres. <i>Water.</i> —Unlimited from Wardha river. <i>Supplies.</i> —Must be collected from other villages.
		19  198 m. 4 f.	TALEGAON.—9 m. 5 f. Cross the Wardha river. A large village.

### Route No. VII.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	DEPUTY COMMISSIONER, NAGPUR.		
20			<i>Camping Ground.</i> —No military ground. <i>Water.</i> —Several wells and nalas. <i>Supplies.</i> —On notice.
206 m. 3 f.		20	SARWARI.—9 m. 7 f. Pass a few nalas bridged. A small village. <i>Camping Ground.</i> —Nil. <i>Water.</i> —As above. <i>Supplies.</i> —None.
220 m. 3 f.		21	THAVEGAON.—14 m. Cross several unbridged nalas. Moderate-sized village. From here a 1st class metalled road to Nagpur is proposed. <i>Camping Ground.</i> —Nil. <i>Water.</i> —From several wells. <i>Supplies.</i> —On notice.
232 m. 2 f.		22	KUNDHALL.—11 m. 7 f. Pass many nalas, not bridged. A large village. <i>Camping Ground.</i> — <i>Water.</i> —From Jam river. <i>Supplies.</i> —On notice.
240 m. 1 f.		23	BAZARGAON.—7 m. 7 f. Cross several nalas p. o. unbridged and Jam river. Country hilly and jungly. A large village.

MILITARIES.	No. of stage and total distance.	ROUTE NO. VII.
Military.		
		<i>Camping Ground.</i> —E. of village. <i>Water.</i> —From nala. <i>Supplies.</i> —Moderate.
	24	GOND KAIRI.—14 m. Cross some nala un- bridged. A small village.
	254 m. 1 f.	<i>Camping Ground.</i> —None. <i>Water.</i> —From nala. <i>Supplies.</i> —None.
	25	NAGPUR.—11 m. 7 f. Cross some nala, b., p. o., t. s., r. s. a large and important town.
	266 m.	Headquarters of H. E. the Governor, Central Provinces. Sitabaldi fort overlooking the r.s., has a garrison of British Infantry. From here to Dongargaon a 1st class metalled and bridged road. <i>Camping Ground.</i> —2 m. E. of Nagpur on the Kampti road near the octroi post. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Plentiful.
	26	MAHALGAON.—10 m. A small village. At 4 m. 2 f.—Branch
	276 m.	of Bengal-Nagpur Rail- way to Gondia. <i>Camping Ground.</i> —To S. of village. <i>Water.</i> —Good, from well in good order near C. G., and a nala that contains water till March. <i>Supplies.</i> —On notice.

AUTHORITIES.	No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.	
D. C. NAGPUR.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE,		
DEPUTY COMMISSIONER, BHANDARA.		
27	287 m.	MAUNDA.—11 m. Cross Peelee river, un- b. bridged; a large vil- lage on the right bank of Kanhan river. <i>Camping Ground.</i> — $\frac{3}{4}$ m. W. of Kanhan river. <i>Water.</i> —Abundant from wells and Kanhan river.
28	295 m.	KARBI.—8 m. Road as before, cross Kanhan river after leaving Maunda, by causeway and bridged in dry weather; in wet weather by permanent causeway, open to moto- traffic all seasons. A small village. <i>Camping Ground.</i> —Indifferent, 6 f. E. of village. <i>Water.</i> —Abundant from wells (one pakka well close by with good water) also a tank. <i>Supplies.</i> —On notice.
29	304 m.	BHANDARA.—9 m. A large village and small b., p. o., t. s., r. s. civil station, Head- quarters of Deputy Commissioner of district. Railway station 7 m. N. (no sidings). About 3 m. E. of Bhandara the Weinganga river cuts the Bhandara-Drug road. The road is open from 15th December until 1st June with temporary bridge. <i>Camping Ground.</i> —On right bank of Weinganga river.

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, BHANDARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Water.</i>—Plentiful and good from well and Weinganga river.</p> <p><i>Supplies.</i>—Abundant.</p>
		30	LAKHNI.—13 m. Weinganga crossed by causeway, p. o. way and bridged, in dry weather; by ferry suitable for motors and guns in rains. A small village.
		317 m.	<i>Camping Ground.</i> —W. of village about 550 yds.
			<i>Water.</i> —Good from Weinganga river.
			<i>Supplies.</i> —On notice.
		31	SAKOLI.—11 m. A small village.
			<i>b., p. o.</i>
		328 m.	<i>Camping Ground.</i> —E. of village Tahsildar's headquarters.
			<i>Water.</i> —Abundant.
			<i>Supplies.</i> —On notice.
		32	SEONGI.—9 m. A small village, narrow gauge railway between Nagpur and Gondia crosses road.
			<i>Camping Ground.</i> —Good to S. of village.
		337 m.	<i>Water.</i> —From nala and kacha well close by; good water from bungalow well.
			<i>Supplies.</i> —On notice.
		33	DONGARGAON.—7 m. 6 f. Cross few nalas unbridged.
			A small village.
		344 m. 6 f.	A 1st class road running N.-N.-E. to Gondia (28 m.) branches off here.

## Route No. VII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT AT RAIPUR.	DEPUTY COMMISSIONER, BHANDARA.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			
			<i>Camping Ground.</i> —Good, W. of village. <i>Water.</i> —Good, from a well. <i>Supplies.</i> —On notice.
		34	DEORI.—8 m. 4 f. Cross 2 nala unbridged <i>b.</i> A small village. <i>Camping Ground.</i> —Good, E. of village. Ground is kept for grass and not ploughed. <i>Water.</i> —From nala and tank ; good from Sera well, in good order, with troughs and wooden frame. <i>Supplies.</i> —On notice.
		35	BAGNADI.—5 m. 3 f.
		358 m. 5 f.	<i>Camping Ground.</i> —Ground, either side of river, good. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.
		36	GURTALAO.—8 m. Country hilly, covered ; with dense jungle ; not recommended as halting place ; road loose and sandy, 10 ft. wide. <i>Camping Ground.</i> —Confined by jungle ; very feverish. <i>Water.</i> —Scarce, from tank. <i>Supplies.</i> —On notice.
		366 m. 5 f.	
		37	CHICHOLI.—8 m. 2 f. Country enclosed and <i>b.</i> jungly. Stone bridge over Chicholi river.
		374 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			
		38	A small village on red soil. <i>Camping Ground.</i> —W. of village confined, but in dry weather an extensive ground to E. of village is available; C. G. could be extended. <i>Water.</i> —From nala and wells. <i>Supplies.</i> —On notice.
		386 m. 4 f.	WARARBAND.—11 m. 5 f. A small village. <i>b.</i> <i>Camping Ground.</i> —Good, N.-W. of village. <i>Water.</i> —From a tank. <i>Supplies.</i> —On notice.
		39	NANDGAON.—15 m. 1 f. Country open. <i>b., p.o., t.s., r.s.</i> A large prosperous looking town. Contains cloth mill and well laid out Cantonment. <i>Camping Ground.</i> —N. of tank. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Plentiful.
		40	SAMNI.—7 m. 3 f. Country flat. A small village.  <i>Camping Ground.</i> —W. of village. <i>Water.</i> —From tank. <i>Supplies.</i> —On notice.
		41	DRUG.—10 m. 1 f. Country flat. A large village, tahsil headquarters. One m. W. of Drug the Sheonath River has to be crossed. There is a temporary bridge open
		419 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. VII.
Civil.	Mili- tary.		
POLITICAL AGENT AT RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>to motor traffic from 15th December to 1st June.</p> <p><i>Camping Ground.</i>—Good, E. of village.</p> <p><i>Water.</i>—{ Abundant.</p> <p><i>Supplies.</i>—{ On notice.</p>
		42	BHILAI.—9 m. 4 f. A small village. <i>p.o., r.s., t.s.</i>
		428 m. 5 f.	<i>Camping Ground.</i> —Good. S.-E. of village. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.
		43	RAIPUR.—15 m. 4 f. Headquarters of dis- <i>b., p.o., t.s., r.s.</i> trict and of Chattis- garh division. <i>Camping Ground.</i> —Good, near <i>b.</i> , private. <i>Water.</i> —Abundant, including a Public Works Department well in good order. <i>Supplies.</i> —At 24 hours' notice one hundred sheep, a thousand mds. wheat, ten thousand mds. rice, one thousand mds. gram, fifty mds. fodder. These amounts could be roughly trebled in a week, while in the latter time 200 bullock carts, 400 pack animals (mules, ponies and bullocks) and 2,000 coolies could be collected.
		44	NAWAGAON.—12 m. Metalled road, about <i>p.o.</i> 9 ft. wide. in fair re- pair. Country under rice cultivation. N
		456 m. 1 f.	

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
P. A. AT RAIPUR.		<b>Route No. VII.</b>
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
DEPUTY COMMISSIONER, RAIPUR.		
45		At $3\frac{1}{2}$ m. iron bridge, with Irish bridge at side A small village. <i>Camping Ground.</i> —E. of village, large, open, partly demarcated. <i>Water.</i> —Pucca well, a tank for animals. <i>Supplies.</i> —Nil.
466 m. 5 f.		ARANG.—10 m. 4 f. Road throughout very b., p.o. heavy with thick dust, becoming worse after m. 5. At 3 m. cross river by Irish bridge, easy approaches. A large village with dispensary. At m 470 the Mahanadi river has to be crossed. A temporary bridge for motor traffic exists from 15th December to 1st June. <i>Camping Ground.</i> —Small, to E. <i>Water.</i> —Two wells, one a Public Works Department, one in fair order, tank for animals. <i>Supplies.</i> —Nil.
480		TUMGAON.—11 m. 4 f. Road in fair repair, but very heavy in places. At $3\frac{1}{2}$ m. Mahanadi river 400 yds. broad, bed sandy, approaches easy, road on mud track and brushwood bridge, both in bad repair. At 9 m. 1 f. cross small river 150 yds. broad, bed sandy, by brushwood bridge. A large village. <i>Camping Ground.</i> —Good, small to N.-E. <i>Water.</i> —Good from Public Works Department well; tank for animals <i>Supplies.</i> —On notice
478 m. 1 f.		35572

## Route No. VII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	47	BODRA.—9 m. 1 f. Road good for 2 m. then <i>b., p. o.</i> a rough track. impassable in wet weather. Jungle on both sides of road. Cross a nala, unbridged. A small village. <i>Camping Ground.</i> —N., small and covered in filth. <i>Water.</i> —One well. <i>Supplies.</i> —Nil.
		487 m. 2 f.	
		48	JHALAP.—8 m. 7 f. Road in bad repair, with <i>b.</i> jungle on both sides. Cross a few nalas, unbridged. From Jhalap the road eastwards is badly cut up owing to indifferent macadam surfacing. It is not motorable. A small village. <i>Camping Ground.</i> —S., small but good. <i>Water.</i> —From wells (one Public Works Department well in good order); a tank for animals. <i>Supplies.</i> —On notice.
		496 m. 1 f.	
		49	SEWAYA.—11 m. Road hopelessly bad, <i>b.</i> jungle on both sides. At 8 m. 3 f. sandy river bed; 30 yds. broad, approaches easy. At 10 m. Pithora (branch <i>p. o.</i> ), civil offices. A small village. <i>Camping Ground.</i> —S. <i>Water.</i> —From Public Works Department well. <i>Supplies.</i> —On notice.
		507 m. 1 f.	

## AUTHORITIES.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

DEPUTY COMMISSIONER, RAIPUR.

## Route No. VII.

Civil.	Mili- tary.	No. of stage and total distance.	
		50	SANKARA.—9 m. Road very heavy and in b. very bad condition, through undulating country. Cross several unbridged nala, and at end of March, Jok river 300 yds. broad, bed sandy. A small village.
		516 m. 1 f.	<i>Camping Ground.</i> —N., very small and very dirty, close to b. <i>Water.</i> —One well with pulleys, water good, close to C. G., another on W. bank of Jok river. <i>Supplies.</i> —Procurable.
		51	BASNA.—12 m. Cross Jok river. b., p.o. A small village.
		528 m.	<i>Camping Ground.</i> —N.-W. <i>Water.</i> —Good, from wells and tank. <i>Supplies.</i> —Procurable.
		52	SERAIPALI.—12 m. 3 f. Country open, cross several nala, un-bridge. A small village.
		540 m. 4 f.	<i>Camping Ground.</i> —S., ground cleared of brush-wood once a year. <i>Water.</i> —Good, from pucca well. <i>Supplies.</i> —Procurable.
		53	SINGHORA.—12 m. Cross several nala, unbridged. Country jungly. A small village.
		552 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	<b>Route No VII.</b>
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	54	<i>Camping Ground.</i> —E., good, cleared once a year. <i>Water.</i> —From wells. <i>Supplies.</i> —Procurable. SOHELA OR HALDIPALL.—16 m.
		568 m. 4 f.	A village. <i>Camping Ground.</i> —Close to a stream. <i>Water.</i> —From a tank close by. <i>Supplies.</i> —Procurable. From here onwards in U. P. District. To Midnapore in 28 marches, distance 291 m. 3 f. (see Volume VIII of 1910).

## Route No. VIII.

FROM PALASNE TO CHILLATARA.  
BOMBAY—CHUMBI ROAD.

PORTION OF MAIN.

*Length 558 m. 7 f.*

*48 Marches.*

*Authority and date :—*

Raska to Sifri

Sarang-pur to Kolaras } Corrected, October 1921 by 17th  
Infantry.

Barwa-Saugor by Captain Hooper, S. W. B. October 1921.

*Epitome.*—The road generally is a made one, metalled and bridged with causeway over most of the rivers, passable except when in floods. The Narbada it crossed by a trestle bridge in the dry season and a flying one in the rains. From Binagaon to Bhadaura and from Mitloni to Karera the road is very hilly. Water and supplies generally plentiful, but in some stages arrangements have to be made previously. The road as far as Sipri is known as the Bombay-Agra road. Passable for motors.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
SECRETARY TO THE A. G. AT INDORE.		1	PALASNE.—From Bombay in 24 marches, dis- tance 263 m. 5. f. In Poona District (see Volume VI).—
GENERAL OFFICER COM- MANDING CENTRAL PROVINCES DISTRICT.		12 m. $4\frac{3}{4}$ f.	SENDHWA.—12 m. $4\frac{3}{4}$ f. A small village with b. Dharmsala, and fort built of stone and brick. Camping Ground.—9.47 acres, demarcated, S.-E. of village near bungalow. Water.—From nala and Motibagh well. Supply.—Abundant; transport available.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
P. A. MANPUR.	P. A. SOUTHERN STATES, MANPUR.	2	JULWANIA.—15 m. $1\frac{1}{2}$ f. Made road, metalled b. and bridged, but bad for motors, at 2 m. 2 f. cross Goi river by a pakka causeway, submerged only in high floods. The approaches have been aligned. At 2 m. 3 f. Goi village; at 5 m. $1\frac{1}{2}$ f. Jumali; at 10 m. 4 f. Balsamand, 80 houses; Dharamsala and b.
	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	27 m. 6 f.	<i>Camping Ground.</i> —Indian State property 6·13 acres with boundary pillars. 400 yds., S. of village. <i>Water.</i> —From Deb river and nala (dry in March). A <i>jiri</i> is dug in river bed in hot weather. <i>Supplies.</i> —Scarce.
		3	KHURUMPUR.—14 m. $3\frac{3}{4}$ f. Made road, b. bridged. Country open, partly cultivated, partly scrub jungle. Cross Deb river by a causeway and Bhongli river by a bridge. 90 houses, dharamsala and b. <i>Camping Ground.</i> —1041 acres demarcated, 100 yds. N. of village near b. <i>Water.</i> —From 2 wells and nala (dry in March). <i>Supplies.</i> —Scarce. One month's notice required.
		4	KHALGHAT (SOUTH).—12 m. 1 f. At 1 m. b. 1 f. cross Sosar nala (bridged), at 4 m. $5\frac{1}{2}$ f. pass Tikri Dharamsala, $\frac{1}{4}$ m. W. of Tikri town (500 houses), dispensary and Headquarters of
		54 m. $2\frac{1}{4}$ f.	

AUTHORITIES.		No. of stages and total distance.	
Civil.	Military.		
			<b>Route No. VIII.</b>
			<p>Parganah, at 5 m. 2 f. cross Borar river by causeway as above ; at 9 m. 1 f. Limrani, 500 houses Dharamsala and ginning factory ; 11 m. 1½ f. Khalghat where cross Narbada to Khalghat Uttar (N. bank) by a submerged bridge.</p> <p>300 houses, Dharamsala and Bazar, on N. bank of Narbada river.</p> <p><i>Camping Ground.</i>—3·83 acres Darbar property, with boundary pillars.</p> <p><i>Water.</i>—From river.</p> <p><i>Supplies.</i>—Abundant. Here passes Route No. 29 from Baroda to Kampti.</p> <p>GUJRI.—12 m. 4 f. At 3 m. 4 f. Chawki and b. well old road from Akbarpur joins on right ; at 3 m. 5 f. cross Buti nala (bridged) at 5 m., Dhamnode 375 houses, bazar on Friday ; at 5 m. 7½ f. Gulyhera ; at 6 m. 2 f. cross Buti nala bridged, bed sandy at 7 m. 3 f. Dudi ; at 10 m. 3 f. Nandrampur alias Dhanigaon ; at 11 m. 4 f. a metalled road branches off to Mandoo, 15 m., the ancient capital of Malwa and to Dhar on Route XII, 22 m. General direction N.-W. At 12 m. 3½ f. cross Karam river by pakka causeway submerged only in high floods. Made road (bridged).</p> <p>A large village at junction of Bukup and Karam river.</p> <p><i>Camping Ground.</i>—State property (with boundary pillars) 543 yds. S.E., of village.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili-tary.		
S. S. TO THE A. G. G. AT INDORE POLITICAL AGENT.	SOUTHERN STATES, MANPUR.		<p><i>Water.</i>—From <i>nalas</i> and wells.  <i>Supplies.</i>—Abundant.  <i>Transport.</i>—Available.</p> <p>MANPUR.—13 m. <math>\frac{3}{4}</math> f. At 4 m. 2f. Bankaner ; b. at 4 m. 5 f. begin ascent of Parasmal Ghat 1 m. 4 f. long, easy for carts ; at 9 m. cross Ajnar river (bridged) ; at 9 m. 4 f. foot of Gara Ghat, easy for carts ; at 10 m. 2 f. top of Ghat. A small civil station ; dispensary and Dharamsala. Country road from Dhar joins on left here.</p> <p><i>Camping Ground.</i>—6.94 acres, demarcated, Darbar property, 900 yds. from village.</p> <p><i>Water.</i>—From <i>nalas</i> and wells.  <i>Supplies.</i>—Abundant.</p>
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<p>6</p> <p>80 m. 6<math>\frac{1}{4}</math> f.</p> <p>7</p> <p>94 m. 3 f.</p> <p>MHOW.—13 m. <math>4\frac{3}{4}</math> f. Metalled road, country b., p.o., t.s., r.s. open. At 3 m. 2 f. cross Karami river by a bridge, bed rocky, banks easy ; at 3 m. 3 f. Jesarangar ; at 5 m. 3 f. Kulai ; at 8 m. 7 f. Jamli ; at 12 m. 2 f. Dongargaon ; at 12 m. 5 f. cross Gambhir (bridged). A large Military Cantonment.</p> <p><i>Camping Ground.</i>—On race course, N. of British Cavalry lines.</p> <p><i>Water.</i>—</p> <p><i>Supplies.</i>— } Abundant.</p> <p>Here cross Main Routes III and XII.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. VIII.
			By Main Route III to Nasirabad (29 marches). By Main Route XII to Ahmedabad (21 marches) and Jubbulpore (34 marches).
		8	INDORE.—13 m. 6 f. At 1 m. 3 f. Satir <i>nala</i> <i>b., p. o., t.s., r. s.</i> (bridged) to Kishen Pura; at 3½ m. Umaria at 6½ m. Rao ( <i>r.s.</i> ) on left; at 10 m. Garbari; cross Kanu <i>nala</i> at end of stage. Road metalled and bridged. Country undulating and partly cultivated. A large city, capital of Holkar's territory, on left bank of Khan <i>nala</i> . The British Residency and cantonment is about 1 m. E. of city. <i>Camping Ground.</i> —1 m. beyond Indore on E. of road, 2½ acres. <i>Water.</i> —Well in compound of Rutlam kothi. <i>Supplies.</i> —Abundant.
		108 m. 1 f.	
		9	DAKACHIA.—12 m. 7 f. Good made road, Country undulating and partly cultivated, soil mixed. At 9 m. Manglia. A small Jagir. <i>Camping Ground.</i> —10·66 acres, about 800 yds. W. <i>Water.</i> —From a few wells and a tank. <i>Supplies.</i> —Scanty. For 100 men for a few days. <i>Fuel and grass.</i> —Nil. A small amount of transport.
		121 m.	

### Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	10  131 m. 1 f.	DEWAS.—10 m. 1 f. At 3 m. 1 f. cross Sipra b., p.o., t.s. river 195 yds. wide, bed sandy and rocky, by a bridge, banks easy ; at 5 m. 7 f. pass Rasolku ; country undulating ; good made road, soil mixed. A moderate-sized town ; small amount of transport available. <i>Camping Ground.</i> —About 90 yds. N.-E. The ground is cleared, but there is no shade, 7 acres. <i>Water.</i> —Laid on by pipes, insufficient in hot weather. Well in dak bungalow compound. <i>Supplies.</i> —Abundant.
RESIDENT, GWALIOR.		11  142 m. 6 f.	TONK.—11 m. 5 f. Country well cultivated, b. at 2 m. 6 f. pass Bilaoli ; at 5 m. 5 f. Sia ; at 10 m. 6 f. cross Tilar nala (bridged). Small village in Gwalior State. <i>Camping Ground.</i> —88,000 sq. yds., civil property, boundary pillars, about 245 yds. N.-E. <i>Water.</i> —From wells, tank and Tilar nala. <i>Supplies.</i> —Abundant.
		12  152 m. 6 f.	MAKSEE.—10 m. Country well cultivated, p. o., s. b. good metalled road ; soil mixed ; at 1 m. pass Phairwa Kheri ; at 4 m. 6 f. Piplia ; at 10 m. cross Tilar nala (bridged). A large village in Gwalior territory ; small amount of transport available. <i>Camping Ground.</i> —200×150 yds. E. of road and opposite b. private property, boundary pillars.

### Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA, AT MANPUR.	RESIDENT, (GWLIAJUR, GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p><i>Water.</i>—From 8 wells 18 ft. to 30 ft. deep and nala.</p> <p><i>Supplies.</i>—Procurable after due notice.</p>
		13	<p>SHAHJAHANPUR.—15 m. 4 f. Good metalled b. p. o.</p> <p>Cross Lakhundar river at 8½ m. by causeway. No ferry during rains. Low ranges of hills in last four miles.</p> <p>A large town in Gwalior territory.</p>
		168 m. 2 f.	<p><i>Camping Ground.</i>—22 acres, demarcated, on the near side of Tilar nala near Po.</p> <p><i>Water.</i>—Well 100 yds. distant.</p> <p><i>Supplies.</i>—Abundant; a small amount of transport available.</p>
		14	<p>SARANGPUR.—15 m. 3 f. Road metalled. b., p. o., t. s.</p> <p>Country cultivated, with occasional jungle. Cross Tilar (bridged) at starting; descend gradually after 6th m. and cross Kali Sind at end of stage by causeway in dry weather, and by ferry (one boat carries 15 men) in rains.</p> <p><i>Camping Ground.</i>—On E. of road. Clear demarcated. 24 acres between town and road (shady).</p> <p><i>Water.</i>—Good from 7 wells; 24 to 30 ft. deep, also from the Kali Sind ½ m. distant.</p> <p><i>Supplies.</i>—Abundant; a small amount of transport available.</p> <p>Route 31 to Agar and Neemuch starts here.</p>
		15	<p>UDENKHERI.—11 m. 3 f. Road metalled and b. bridged. Country scantily cultivated.</p> <p>A small village.</p>
		195 m.	

Rou  
o. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		21	PARBATI RIVER.— end of stage by causeway in the rains, where water is used when water is scarce. Country and road as before. On nearing village cross the Neelam. At 2 m. a metal bridge. 300 yds. E. of road. Distant on notice.
		254 m. 3 f.	Small village of Kheri. Camping Ground. Road. and near village pillars. Water.—Good, from wells. Supplies.—Scarce.
		22	ROTIHAI.—14 m.— b., r. s. the Chowpat river. Goona-Indore road. camp. Village between boundary pillars. Water.—Plentiful at first, then another pound and another. Supplies.—Must be obtained from Raghogarh, = 3 miles. Road to latter
		268 m. 3 f.	Country and road as before. A village in Raghogarh State. Road 350×250 ft. good, kept cleared. Rough on road (good).
		23	GOONA.—13 m. C b., p. o., t. s., r. s. by masonry bridge.
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		amount of transport available.

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
P. A. BHOPAL.			
RESIDENT, AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		
19			<i>Camping Ground.</i> —500×250 yds. opposite p.o. and E. of road demarcated not kept cleared. <i>Water.</i> —Abundant, good from well in front of and another in rear of, C. G. <i>Supplies.</i> —Plentiful.
232 m. 3 f.			<b>GORAPCHAR.</b> —10 m. 3 f. Country at first covered with low scrub, afterwards well cultivated; road as before. From here a metalled road runs N.-W. to Rajgarh, distant about 15 m. A small village with Serai on right bank of the Gorapchar. <i>Camping Ground.</i> —480×275 yds near river On W. of road clear. <i>Water.</i> —From a well (8 ft. in diameter, depth of water in June 4 ft.) <i>Supplies.</i> —Scarce.
20			<b>BINAGAON.</b> —8 m. Country and road as above. A village 2 m. b., p. o. from the large village of Chachora; small amount of transport. Route 77 crosses here (Chachora). From Saugor (11 marches) via Sivouj; and Neemuch (13 marches) via Jhalrapatan. <i>Camping Ground.</i> —1,200×1,200 yds. E. of road and marked by 4 boundary pillars. <i>Water.</i> —From a well on C. G. 8 ft. in diameter (depth of water in June, 6 ft.). <i>Supplies.</i> —Plentiful.
240 m. 3 f.			

### Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.	21	PARBATI RIVER.—14 m. Country and road as above; cross the Parbati river at end of stage by causeway, except for 3 months in the rains, where a boat (capacity 50 men) is used when water is low; motors can cross by the causeway, banks very steep. Small village of Khera 1 m. W. of camp. <i>Camping Ground.</i> —1,535 × 935 yds. W. of road, and near village, marked by boundary pillars. <i>Water.</i> —Good, from wells in village. <i>Supplies.</i> —Scarce.
		22	ROTIHAI.—14 m. Country and road as b., r. s. above. A very small village on left bank of the Chowpat river. Goona-Indore road crosses the N.-E. corner of camp. <i>Camping Ground.</i> —550 × 200 yds. N.-W. of village between river and railway marked by boundary pillars. <i>Water.</i> —Plentiful and good from well in b. compound and another in village. <i>Supplies.</i> —Must be procured from Goona, or from Raghogarh, a large village 7 m. distant, but road to latter rough and hilly.
		23	GOONA.—13 m. Country very hilly, road as b., p. o., t. s., r. s. in last stage; the Chowpat river is crossed by masonry bridge, fit for all arms.
		281 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. VIII.
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		<p>A cantonment and town, small amount of transport available.</p> <p><i>Camping Ground.</i>—Near hospital and police station marked by boundary pillars (1,350 × 850 yds.) on black soil W. of town.</p> <p><i>Water.</i>—From wells in adjacent gardens and from well near hospital.</p> <p><i>Supplies.</i>—Plentiful.</p>
		24	<p>BHADAURA.—12 m. Country and road as b. above pass Belomi 6 m. Patai at 8 m.</p> <p>A moderate sized village and fort; small amount of carriage available.</p> <p><i>Camping Ground.</i>—1,000 × 800 yds. close to village on W. of road. Clear and demarcated.</p> <p><i>Water.</i>—From a well 18 ft. in diameter, depth of water in June, 6 ft.</p> <p><i>Supplies.</i>—Procurable.</p>
		25	<p>BARKHERA OR AMKHERA.—9 m. Country as above. At 4 m. Route 74 branches off to N.-E. to Jhansi (8 marches). Pass serai at <math>7\frac{1}{2}</math> m. Road metalled and bridged.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—170 × 100 yds. W. of road, partially flooded in rains.</p> <p><i>Water.</i>—From well (<math>8\frac{1}{2}</math> ft. in diameter, depth of water in June 8 ft.).</p> <p><i>Supplies.</i>—Scarce.</p>

AUTHGRITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	Route No. VIII.
RESIDENT AT GWALIOR.		
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		
		BUDERWAS.—9 m. Country and road as b. A good-sized village. <i>Camping Ground.</i> —On W. of road. Clear, extensive, but full of holes; is marked by 4 boundary pillars. <i>Water.</i> —From well on C. G. <i>Supplies.</i> —On notice.
	26	KOLARAS.—17 m. Country chiefly cultivated, p. o. road as above, b. at Deherda 2 m. distant; at 9 m. pass Lukwasa, a good-sized village with good water supply, from a well on disused C. G. Water in tank close by, fit for animals. A small town and Gwalior State cantonment. <i>Camping Ground.</i> —Extensive and shady and marked by 4 boundary pillars. <i>Water.</i> —Good from well on C. G., others in town; water trough on C. G. <i>Supplies.</i> —Plentiful.
	311 m. 3 f.	SIPRI,—15 m. Country and road as above. b., p. o., t. s., r. s. Pass Sasri at 7 m. and Baroadial at 12 m. A small civil cantonment with a large town close by; terminus of Gwalior-Sipri Light Railway. <i>Camping Ground.</i> —Marked by ditch and mound, and 4 boundary pillars; it is spacious and level, on black soil near the junction of Jhansi road.
	328 m. 3 f.	
	343 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili-tary.	
RESIDENT AT GWALIOR.		
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		

### Route No. VIII.

*Water.*—Good watering place in camp.

*Supplies.*—Abundant.

Route IX starts from here and runs via Tehra to Jatogh ; Route 35 from Kotah ends here.

29

355 m.  
3 f.

SURUYA (SURWAYA).—12 m. Country b. and road as before. A small village.

*Camping Ground.*—S. of road. Overgrown with small Dhak trees 3 ft. high. Well N. of road. 150×150 yds. near b.

*Water.*—Plentiful and good from well on C. G. *Supplies.*—None.

30

362 m.  
3 f.

MITLONI.—7 m. Country less hilly and b. more cultivated, road as before.

A small village near left bank of the Sind river. *Camping Ground.*—N. of road overgrown with thorn bushes 8 ft. high 4 pillars. 200×100 yds. near bridge over Sind river.

*Water.*—No well. Good from Sindh river 7 f. E. of camp.

*Supplies.*—Scarce.

31

375 m.  
3 f.

KAREERA.—14 m. Country very hilly, thick, b., p. o. stony, jungle; road as before. Cross the

Sind on starting ; pass Amola (several wells about here about  $\frac{1}{2}$  m. after crossing the Sind.) Cross Mohwar at end of stage.

### Route No. VIII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		A small town. <i>Camping Ground.</i> —On left bank of river and S. of road area 40,000 sq. yds. on bank of Mohwar and $1\frac{1}{2}$ m. W. of town. <i>Water.</i> —Good from Mohwar river. <i>Supplies.</i> —Procurable.
		32	DINARA.—12 m. Country and road as above. <i>b., p. o.</i> Cross the Bilrai stream at 5 m. by stone causeway. A large village.
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.	388 m. 3 f.	<i>Camping Ground.</i> —S. of road and E. of village. Four pillars. Area of C. G. 717,900 sq. yds.  <i>Water.</i> —Plentiful and good from a well, on, and a large jheel close by, C. G. <i>Supplies.</i> —Procurable. <i>Note.</i> —Sipri to Dinara inclusive is under the Resident at Gwalior.
		33	RAKSA.—8 m. 4 f. Country scrub jungle, hilly and stony; road as above; pass Dangarwala at 5 m. A small village. <i>Camping Ground.</i> —S. of road $\frac{1}{2}$ m. W. of village. <i>Water.</i> —Plentiful, good, from a stream and a well on C. G. <i>Supplies.</i> —Must be collected.

## AUTHORITIES

DEPUTY COMMISSIONER, JHANSI.  
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. VIII.

Civil.		34	JHANSI.—7 m. 4 f. Country flat, scrub jungle b., p. o., t. s., r. s. and little cultivation ; road metalled, bridged and kept in good order. Cross the Pahuj river at 4½ m. A large walled city with fort ; large cantonment. Headquarters of brigade and civil station ; an unmetalled road runs from here to Goona, practicable for wheeled traffic except during rains. (Route 74). <i>Camping Ground.</i> —Several. <i>Water.</i> —Plentiful on all C. G. <i>Supplies.</i> —Abundant.
		35	BARWA-SAGAR.—10 m. 6 f. Flat scrub b., p. o., r. s. jungle with a little cul- tivation ; road as above, cross the Betwa river at 7½ m. by ferry (2 boats) impassable in heavy floods ; railway bridge 1½ m. up stream, but no road to it. A large village. <i>Camping Ground.</i> —155,000 sq. yds., ½ m. from village, on roadside and W. of large lake. <i>Water.</i> —Plentiful and good from wells, on, and for animals) and from canals near, C. G. <i>Supplies.</i> —Procurable.
		36	SAKRAR.—10 m. 3 f. Country and road as b. above. A small village. <i>Camping Ground.</i> —400×190 yds., ½ m. from village, close to road and about 200 yds. from a small tank where animals may be watered.

AUTHORITIES		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		
			<i>Water.</i> —Good, from 1 well on, and others near, C. G. <i>Supplies.</i> —On notice.
		37	BANGRA.—8 m. Country and road as in b. is about 6 m. S.-W. of village. A small village. <i>Camping Ground.</i> —360×170 yds. $\frac{1}{2}$ m. from village near road. <i>Water.</i> —Plentiful and good from 1 well on, and others close to, C. G. <i>Supplies.</i> —On notice.
		38	MAU.—11 m. 4 f. Country undulating, rocky b., p. o., t.s., r. s. and chiefly jungle, road good, metalled and bridged; cross the Sukni on starting by ford or by bridge 2 m. E. of town. Civil Offices. Cotton Mills. A town. <i>Camping Ground.</i> —229,460 sq. yds. about $1\frac{1}{2}$ m. S.-E. of town. <i>Note.</i> —Route to C. G. via the ford is more than 3 m. shorter than via the bridge. <i>Water.</i> —Plentiful and good from 2 wells on C. G. <i>Supplies.</i> —Abundant.
		39	ALIPURA.—12 m. 6 f. Country and road as p.o. above, except at Dhasan which is crossed on starting by ford in dry season, by ferry (2 boats each carrying 40 men) in the rains.
		457 m. 6 f.	

POLITICAL AGENT IN BUNDELKHAND AT NOWGONG.

COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.

AUTHORITIES .	No. of stage and total distance.	
Civil.	Mili- tary.	
		<b>Route No. VIII.</b>
		A large village. <i>Camping Ground.</i> —420×380 yds. about $\frac{3}{4}$ m. from village. <i>Water.</i> —Plentiful, good, from 3 wells close to C. G. and for animals from a stream $\frac{1}{4}$ m. from C. G. <i>Supplies.</i> —Procurable.
	40	NOWGONG.—10 m. 7 f. Road metallised and b., p. o., t. s. good; pass Buragaon at 2 m. and Dauria at 6 m. Country largely cultivated. Nullahs well bridged. A cantonment and civil station. <i>Camping Ground.</i> —E. of cantonment and 1 m. from P. O. <i>Water.</i> —Plentiful and good from well on C. G. <i>Supplies.</i> —Abundant. A large bazar.
	468 m. 5 f.	DOHNI.—11 m. Country partially cultivat- b. ed. with patches of jungle. At $8\frac{1}{2}$ m. pass Laghasi (good site for camp). A small village. <i>Camping Ground.</i> —370×370 yds. W. of road and $\frac{1}{2}$ m. from village. <i>Water.</i> —Good from well in b. compound. <i>Supplies.</i> —Scarce.
	41	SRINAGAR.—12 m. Road as before. p. o. Country hilly and jungly. In 8th m. cross Urmel stream by Irish bridge, fordable except in rains.
	480 m. 5 f.	
	42	
	492 m. 5 f.	

## POLITICAL AGENT IN BUNDELKHAND AT NOWGONG.

## COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.

AUTHORITIES.		No. of stage and total distance.	Route No. VIII.
Civil.	Mili- tary.		
			A village. <i>Camping Ground.</i> —60,670 sq. yds. E. of, and close to village. <i>Water.</i> —One well on C. G. quality doubtful, said to be salty. <i>Supplies.</i> —Practically unobtainable, very poor district owing to lack of irrigation.
		43	MAHOBIA.—9 m. 6 f. Country flat and partly, p. o., t. s., r. s. partially cultivated, wells alongside road. <i>Camping Ground.</i> —300×200 yds. near Tahsildar's quarters. <i>Water.</i> —One well on C. G. excellent water others near. <i>Supplies.</i> —Abundant. A large village. Civil station, residence of Commissioner.
		501 m. 3 f.	KABRALI.—11 m. 2 f. Country flat, jungle, b., p. o., r. s. no view from road. Pass road to Hamirpur on corner of C. G. At 1½ m. cross Jhansi-Manikpur Railway line S. to N. and pass track leading to Kabralie. <i>Camping Ground.</i> —600×400 yds. wet. <i>Water.</i> —3 wells and near C. G. <i>Supplies.</i> —On notice.
		44	MATAUNDH.—10 m. 6 f. Country mostly p.o., r. s. open, cultivated, no fences, no roads. Good road. Pass road to r. s. on leaving C. G.
		512 m. 5 f.	
		45	
		523 m. 3 f.	

ORITIES. Mili- tary.	No. of stage and total distance.	Route No. VIII.
		<p><i>Camping Ground.</i>—100,000 sq. yds. right side of road entering village, partly cultivated.</p> <p><i>Water.</i>—One well on C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
46	535 m. 7 f.	<p>BANDA.—12 m. 4 f. Large town, civil station, population 20,000. Country very open, road good.</p> <p>Ferry over river Kain (or Ken) 1 m. from Banda approach from W. side very difficult, under repair. Eight boats used in rains. Bridge of boats dry season. Boats when used as ferry carry 40 men, no heavy transport. Guns, etc., could be man-handled over Railway Bridge 300 yds. to S. of ferry.</p> <p><i>Motor Service.</i>—From Banda to Chilla and from Chilla to Kirtal connecting with Fatepur, crossing river Jumna.</p> <p><i>Camping Ground.</i>—Near C. of E. Church 2 m. from city.</p> <p><i>Water.</i>—Plentiful and good.</p> <p><i>Supplies.</i>—Abundant.</p>
47	546 m. 7 f.	<p>PIPRENDA.—11 m. p. o.</p> <p><i>Camping Ground.</i>—Extensive S. of village.</p> <p><i>Water.</i>—2 wells.</p> <p><i>Supplies.</i>—Except foage abundant.</p>

### Route No. VIII.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A., BUNDELKHAND AT NOWGONG.		48
G. O. C., JHANSI BRIGADE.		558 m. 7 f.

CHILLATARA.—12 m. Village near Junction p. o., b. Jumna and Ken rivers.

*Camping Ground.*—400 × 200 yds. W. of road. *Water.*—Scarce; muddy; well. Jumna 2 m. beyond Chillatara. Bridge boats dry season ferry rains. River 6 f. wide rains. 20 boats for ferry. Laluali big village across river. Connects with U. P. District Routes 3, 19 and 20.

## Route No. IX.

FROM SIPRI TO DHOLPUR.

*Length 113 m.*

*9 Marches.*

*Authority and date.—Gwalior-Dholpur by 17th Infantry, October 1921.*

*Epitome.—To Sipri by Route VIII. Thence a metalled road, with a light railway running alongside and often on the roadway, as far as Gwalior.*

The road is fit for motors throughout ; near Gwalior there is a succession of up and down gradients, none very steep ; the drivers must look out for Irish bridges in the hollows. The Chambal river is crossed by a bridge of boats in the dry season, and by a ferry in the rains. There are sign posts at most of the cross roads. The road is generally known as the Bombay-Agra road.

By Route VIII from Bombay in 52 marches, length 606 m. 6f.

AUTHORITIES		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. IX.
RESIDENT AT GWALIOR.	O. C., 20TH IND. INFY.	1  9 m. 6 f.	SANTANWARA.—9 m. 6 f. Good metalled b., p. s., t. s. road throughout. <i>Camping Ground.</i> —400×360 yds. marked by 4 boundary pillars. <i>Water.</i> —Good from nala, and tank 500 yds. S.-E. of camp. <i>Supplies.</i> —
		2  23 m. 6 f.	CHORPURA.—14 m. Road as above. b., p. s., t. s. Pass Kakar at 1 m dak bungalow at 9 m. and Choral Khera near end of stage. A small village. <i>Camping Ground.</i> —530×24 yds. 600 yds. W. of village, with boundary pillars.

### Route No. IX.

AUTHORITIES.		No. of stage and total distance.	Route No. IX.
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT 20TH INDIAN INFANTRY BRIGADE.		<p><i>Water.</i>—Good from 2 wells, and stone trough which requires mending near C. G.  <i>Supplies.</i>—Scarce.</p>
		3	<p>MAHONA.—11 m. 7 f. Road as above.  <i>b., p. s., t. s.</i> Cross nala at 6 m. by a permanent cause-way, a branch of river at <math>8\frac{1}{2}</math> m. and Parbati river at 11 m., both by stone bridges. A good-sized village.</p>
		35 m. 5 f.	<p><i>Camping Ground.</i>—165,000 sq. yds. about 100 yds. S. of village, rough, in old burial ground.  <i>Water.</i>—Good from wells and the Parbati river, 1 m.  <i>Supplies.</i>—On notice.</p>
		4	<p>GHATIWALGAON.—15 m. Road as above.  <i>b., r. s., t. s.</i> Country jungly and stony; hills at Rehat. Cross a branch of Parbati at m. 1.  <i>Camping Ground.</i>—400×400 yds. bad and stony, demarcated, <math>\frac{1}{2}</math> m. S.-W. of village.  <i>Water.</i>—Poor supply.  <i>Supplies.</i>—Scarce.</p>
		50 m. 5 f.	
		5	<p>NAIGAON.—10 m. 1 f. Road as above. Country barren and marked by low rocky hills. At <math>6\frac{1}{2}</math> m., Paniar (<i>r. s.</i>)</p> <p>A small village.  <i>Camping Ground.</i>—400×400 yds., 280 yds. N.-E. of village</p>
		60 m. 6 f.	

AUTHORITIES.		No. of stages and total distance.	
Civil.	Mili-tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE.		<b>Route No. IX.</b>
		Water.—Well (good) 100 yds. from C. G., sufficient for one battalion; another well in village. Supplies.—From Gwalior.	
	6	GWALIOR.—11 m. Road metalled and bridged. <i>p. o., t. s., r. s.</i>	Country scantily cultivated; low hills here and there.
	71 m. 6 f.	<i>Camping Ground.</i> —Nowalaka parade ground. Water.—Good and plentiful. Wells with troughs in lines of I. S. Lancers. Permission of Maharaja necessary to use these. Supplies.—All kinds of supplies procurable. To Kamptee by Route 38, 42 marches. To Nasirabad by Route 69, 23 marches.	
	7	NURABAD.—17 m. Road metalled and b. bridged; country fairly level and mostly cultivated. A fair-sized village. <i>Camping Ground.</i> —400×400 yds. W. of road and 600 yds. S. of village. Water.—For about 1½ battalions from well N. of C. G. Supplies.—Procurable.	
	88 m. 6 f.		
	8	DEORI.—12 m. 6 f. Road as above; country b. generally flat and cultivated. At ½ m. cross Sank river; at 5½ m. cross Assan river; at 8½ m. Johura. Cross Koari before reaching Deori.	
	101 m. 4 f.		

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	OFFICER COMMANDING, 20TH INDIAN INFANTRY BRIGADE.	9 113 m.	A small village. <i>Camping Ground.</i> —400×400 yds. E. of road, and 350 yds., N. of Koari river. <i>Water.</i> —Good, from well and Koari river. <i>Supplies.</i> —Limited on notice.
		DHOLPUR.—11 m. 4 f. Cross the Chambal b., p.o., t.s., r.s.	at 9½ m. by bridge of boats, under charge of Agra civil authorities, in dry season, in rainy season by ferry. In the hot weather there is a ford at Kaira, 4 m. up stream. The approaches to the railway bridge are so cut up by nullahs as to preclude passage of all infantry and led horses; the rail track itself is covered with loose ballast and is too narrow for all but infantry and led horses. Other arms must therefore use the bridge of boats, which however, is dismantled 15th June and 20th October each year. Four large ferry boats and 17 other boats are available for use during the rains, but 14 days' notice must be given to the District Surveyor at Agra. A large town. <i>Camping Ground.</i> —120,680 sq. yds., 3 m. distant, sandy and uneven. <i>Water.</i> —Plentiful, good, from well close to C. G. <i>Supplies.</i> —On notice.

## Route No. XI.

FROM DAMOH TO CHHABRA.

*Length 207 m. 5 f.*

*19 Marches.*

### PORTION OF JUBBULPORE TO KELAT ROAD.

*Authority and date (month and year).*—Damoh-Saugor corrected October 1921 by 37th Dogras.

*Epitome.*—General direction N.-W. Road to Baran is unmetalled and in many places a mere cart-track. Baran to Kotah is metalled.

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Military.		
D. C. AT DAMOH.	G. O. C., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>DAMOH.—From Jubbulpore in 6 marches distance 67 m. 1 f. (see Route No. VI).</p> <p>A small civil station.</p> <p><i>Camping Ground.</i>—S. of road and about <math>\frac{1}{4}</math> m. from Bazar.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells, one with trough in good order on C. G. and the other in vicinity of camping ground.</p> <p><i>Supplies.</i>—Ample.</p>
1		6 m. 6 f.	<p>BANSA.—6 m. 6 f. Country level and cultivated (TARKHERA). road unmetalled, and in bad repair but bridged, and suitable for all arms; metalled for first mile, pass Korassa at 4, Sehora, and Pudaryah at 6 m.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF SAUGOR.	COLONEL COMMANDANT 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>A moderate sized village near the Kopra.  <i>Camping Ground.</i>—180 yds. from village, on E. bank of river. Partially under cultivation.  <i>Water.</i>—Plentiful, from river, a new well with trough in good order.  <i>Supplies.</i>—Procurable.</p>
		2	<p>GARHAKOTA.—13 m. 3 f. Country level and cultivated, road metalled for 1st 5 m., remainder unmetalled, but suitable for all arms; cross the Kopra (100 ft. wide) on starting by ford in dry season, by ferry (several boats) in the rains and the Sonar (330 ft. wide) and Gadheri <i>en route</i>, both by causeways in dry weather, by ferry during rains.  A large village on the Gadheri.  <i>Camping Ground.</i>—38,960 square yds. S. of road. Partially cultivated.  <i>Water.</i>—Good from 2 wells, one of which is a pakka well on the bank of the river, and is provided with pulleys and watering trough; the water depends on water from river, also water from nala near C. G.  <i>Supplies.</i>—</p>
		3	<p>PARSORIA.—14 m. 2 f. Country undulating and cultivated, jungly at 8 m.; road metalled and bridged, suitable for all arms.  A small village.  <i>Camping Ground.</i>—S. of village, stony and covered with scrub.</p>
		34 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. XI.
DEPUTY COMMISSIONER, SAUGOR.	COLONEL COMMANDANT, 21ST I. I. BDE.		<p><i>Water.</i>—Good from pakka well on C. G. with trough and iron pulleys, dries up in summer (another well in garden near camping ground). <i>Supplies.</i>—Procurable.</p>
		4 47 m. 7 f.	<p>SAUGOR.—13 m. 4 f. Country undulating b., p. o., t. s., r. s. and jungly for 11 m. thence cultivated, road as in last stage; cross the Beas river at 2 m. by an iron suspension bridge. A town, cantonment, and civil station.</p>
		5 61 m. 3 f.	<p><i>Camping Ground.</i>—For about 5 battalions, on brigade parade ground between the police and cavalry lines.</p> <p><i>Water.</i>—Abundant, good, from wells. <i>Supplies.</i>—Plentiful. A military grass farm here. Route 38 crosses here, and 36, 40 and 78 meet here.</p> <p>NARAULI.—13 m. 4 f. Country hilly and p. s. cultivated; road metalled for 3 m. then unmetalled; suitable for all arms. Cross Amamoni and Kuran river. A village situated between 2 hills.</p> <p><i>Camping Ground.</i>—1 m. S. 200×200 sq. yds. <i>Water.</i>—Good from 4 large wells. <i>Supplies.</i>—Ample; one month's notice for fuel and fodder.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST I. I. BDE.	6	MANDRA.—8 m. Country jungly with sparse b., p. o., r. s., (JERU- CULTIVATION; road 8 to WAKHERA). 18 ft. wide and unmetalled; practicable for cavalry; cross the Dassan river at 3 m. by an easy ford over a causeway, and the Sondri (bridged) at 4 m. A small village.
		69 m. 3 f.	<i>Camping Ground.</i> —200×200 yds. on both sides of road near r. s. <i>Water.</i> —Fair from a large nala and wells. <i>Supplies.</i> —On notice. Abundant fuel and fodder.
		7	KURALI.—11 m. 6 f. Country hilly and jungly b., p. o., r. s. (KHORI). at first, afterwards open and cultivated; road for 4½ m. very rough and stony, but improves afterwards, passable for cavalry, nala bridged, cross the Narain (fordable) at about 8½ m. A fair sized town. <i>Camping Ground.</i> —Space to encamp a regiment N. of town. <i>Water.</i> —Good from 3 large wells. <i>Supplies.</i> —Abundant. One month's notice required for large bodies.
		81 m. 1 f.	
		8	ERAN.—11 m. 4 f. Road metalled for ½ m. then cart track over stiff clay soil. Country cultivated as far as Roosulia; then undulating with thick jungle.
		92 m.	

AUTHORITIES.	No. of stage and total distance.	Route No. XI.
Civil.	Mili- tary.	
P. A., BHOPAL, AT SEHORE.	DEPUTY COMMISSIONER SAUGOR.	
COL. COMM'DT., 20TH IND. INF.	COLONEL COMM'DR., JUBBULPORE BRIGADE AR'Z.A.	
9	102 m. 5 f.	<p>At 4 m. Roosulia with well. At 9 m. cross Bina river at Batson's Ghat, tortuous ford stony bottom, guide needed; a 2 ft. drop over ledge of rock in middle. River rises 15 ft. to 20 ft. after heavy rain and takes 2 or 3 days to subside. A ferry boat plies at Eran village, 3 miles down.</p> <p><i>Camping Ground.</i>—(i) <math>400 \times 400</math> sq. yds. <math>\frac{1}{2}</math> m. S. W. of village.</p> <p>(ii) <math>200 \times 200</math> sq. yds. <math>\frac{1}{2}</math> m. S.-E. of village, swampy in rains.</p> <p><i>Water.</i>—(i) Bina river</p> <p>(ii) one well and Bina river.</p> <p><i>Supplies.</i>—One month's notice required.</p> <p>KURWAI.—10 m. Road a cart-track over b., p.o. black cotton soil. Country level, low scrub as far as Barwal, then cultivation. At <math>2\frac{1}{2}</math> m. a nala, easy to ford, at <math>4\frac{1}{2}</math> m. Barwal; at <math>5\frac{1}{2}</math> m. cross G. I. P. Railway (Main Line). At <math>6\frac{1}{2}</math> m. Pannawar; at <math>7\frac{1}{2}</math> m. Saidpur; at 8 m. Bokhara. Kurwai is a town of 2,500 inhabitants on right bank of Betwa river, Headquarters of Nawab of Kurwai.</p> <p><i>Camping Ground.</i>—S. of fort, for one brigade.</p> <p><i>Water.</i>—Three wells near C. G. and Betwa river <math>\frac{1}{2}</math> m. distant.</p> <p><i>Supplies.</i>—For one regiment. Fuel and fodder on notice. About 50 carts available for transport.</p>

## Route No. XI.

AUTHORITIES		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, JEYPUR.	OFFICER COMMANDING, 2/11TH INDIAN INFANTRY BRIGADE, JHANSI.	10	GATWAR.—10 m. Road metalled for 8 m. then a cart track impassable in the rains. Country level, alternate cultivation and scrub jungle. At $\frac{1}{2}$ m. cross Betwa by causeway 200 yds. long; river impassable for 2 or 3 days after heavy rains, when a small ferry boat (capacity ten passengers) plies, at 1 m. Bhonrasa bungalow; at 8 m. enter Tonk State. <i>Camping Ground.</i> —300×200 sq. yds. 1 m. S. of road, near village. <i>Water.</i> —Three wells. <i>Supplies.</i> —Nil. One month's notice required.
		11	SIRONJ.—13 m. Road originally metalled, b., p. o., t. s. now a cart-track in very bad order. Country level, black cotton soil. At 5 m. a small nala; at $7\frac{1}{2}$ m. cross stream by low causeway; at end of stage cross Kethan river. Sironj (pop. 12,000) is a big grain centre; the bungalow is S. of the town. <i>Camping Ground.</i> —1 m. N. of town for one brigade. <i>Water.</i> —Three wells on C. G.; also river. <i>Supplies.</i> —One month's notice required. About 200 carts can be obtained except in the rains and at harvest time.
		12	BATTAN-BERRA.—11 m. Road a octnurty cart-track. At start steep and stony as cent of hill; N. W. of town; the over un-
		136 m. 5 f.	

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili-tary.	
P. A., JEWPUR.		<b>Route No. XI.</b>
P. A., GVALIOR.		dulating red soil through scrub jungle to Depur, whence cultivated black cotton soil. At 6 m. Depur; at 8 m. Anuppur Rattan-Berra consists of 60 houses.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<i>Camping Ground.</i> —For one brigade on undulating ground by village. <i>Water.</i> —Three wells in village. Small tank in cold weather. <i>Supplies.</i> —Nil One month's notice required.
	13	RAMPUR.—10 m. 4 f. Road a cart-track. Country cultivated; black cotton soil.
	147 m. 1 f.	At $1\frac{1}{4}$ m. Maliakheri and cross a nala; at 4 m. Seind river, 100 yds. wide, impassable after heavy rains, villages of Bhagwantpur and Simen situated on banks. Rampur consists of 60 houses. <i>Camping Ground.</i> —100×100 sq. yds. <i>Water.</i> —1 well on C. G., 3 in village, small tank 200 yds. S. <i>Supplies.</i> —Scarce. One month's notice required.
	14	AROUN.—6 m. 2 f. Road a cart track; cross p.o. a nala at 3 m; then pass Siwajpur. Aroun is a good sized village with a small stone fort. <i>Camping Ground.</i> —Spacious site close to road S. of village.
RESIDENT AT GWALIOR.		

## Route No. XI.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMM'DT., 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
		15	<p><i>Water.</i>—From wells and pond near camping ground.</p> <p><i>Supplies.</i>—Procurable at one month's notice.</p>
		164 m. 7 f.	<p>SATTANPUR.—11 m. 4 f. Country level and chiefly cultivated; road as above; cross a nala by an easy ford at <math>5\frac{1}{2}</math> m. and pass Khuja at 8 m.</p> <p>A moderate-sized village.</p> <p><i>Camping Ground.</i>—62,500 sq. yds. close to road and village.</p> <p><i>Water.</i>—Good, but limited, from 3 wells near camping ground.</p> <p><i>Supplies.</i>—Scarce, one month's notice required.</p>
		16	<p>GOONA.—10 m. Country undulating and b., p. o., t. s. r. s. mostly jungle; road as above; pass Behta at 4 m.</p> <p>A cantonment and town.</p> <p>Small amount of transport available.</p> <p><i>Camping Ground.</i>—Several sites available.</p> <p><i>Water.</i>—From wells in adjacent gardens and from hospital well.</p> <p><i>Supplies.</i>—Plentiful.</p>
		174 m. 7 f.	
		17	<p>DHARNAUDA.—15 m. Country level and p. o., t. s. for most part cultivated; road metled, good; pass Gurha at 7 m. and Muradalpur at 12 m.</p> <p>A village with an old fort.</p> <p><i>Camping Ground.</i>—Extensive site about <math>\frac{1}{2}</math> m. from village.</p>
		189 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. XI.
RESIDENT, JEYPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
			<i>Water.</i> —Good, for battalion, from wells near camping ground. <i>Supplies.</i> —Procurable.
		18	BHOLAUN.—8 m. 6 f. Country cultivated, r.s. with low hills, cross the Parbati river at 2 m. by ford, except after heavy rain. Road metalled and good. A village $\frac{3}{4}$ m. from road. <i>Camping Ground.</i> —220×220 yds. just S. of village near Betli stream. <i>Water.</i> —Plentiful, and good, from wells; for animals from the Betri stream. <i>Supplies.</i> —Procurable.
		198 m. 5 f.	
		19	CHHABRA.—9 m. Country and road p.o., r.s. as in last stage, road runs parallel to railway line as far as Baran; pass Bindarara at 4 m. A wall town with hill fort. <i>Camping Ground.</i> —E. of and near town. <i>Water.</i> —Plentiful, good, from wells, and (for animals) from the Betvi close to C. G. <i>Supplies.</i> —Procurable.
		207 m. 5 f.	

## Route No. XII.

FROM SURWAL TO DOHAD.

*Length 621 m. 1 f.*

*60 Marches.*

*Authority and date (month and year).*—Corrected under the orders of the Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, December 1921.

*Epitome.*—General direction W. by S. to Bir thence W. by N. between Maihar and Harda. From Surwal to Jubbulpore the road is unmetalled but motorable in fair weather. The following portions of this route are metalled and motorable in all seasons:—

Jubbulpore—Shahpura.

Narsinghpur—Kareli.

Hatwas—Hoshangabad.

Harda—Handia.

Connects with U. P. District Route No. 15 at Surwal.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
POL. AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1  8 m.	SURWAL.—A small village.  <i>Camping Ground.</i> — $\frac{1}{4}$ m. S. of village at cross roads. <i>Water.</i> —Two wells, tank. <i>Supplies.</i> — From Allahabad in 3 marches (see Volume VIII of 1910).
			SOHAGI.—8 m. Country fairly cultivated. Road raised, and gene- rally bridged, but un- metalled. Cross the Tonse (bed 500 yds.)

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<b>Route No. XII.</b>
		2	wide, banks steep and difficult for carts) at Charke village 4 m., by small bridge of boats in dry season, by ferry (3 boats, capacity 50 men each) in rains. A village at the foot of the Sohagi pass and 3 m. from the Rewa border. <i>Camping Ground.</i> —E. of road and $\frac{1}{2}$ m. N. of village. <i>Water.</i> —Good, from well and tank near C. G. <i>Supplies.</i> —Limited on notice. Grass and firewood plentiful.
		23 m. 5 f.	TINDUA.—15 m. 5 f. Country jungly at first; then well cultivated and flat. Road as above. At 7 m. Katra and 13 m. Garh. A small village. <i>Camping Ground.</i> —600 yds. N. in mango grove. <i>Water.</i> —From a well 200 yds. S.-W. of tank, 150 yds. S. of C. G.
		3	MANGAWAN.—11 m. 3 f. Road as above. <i>b., p.o.</i> Country flat and cultivated. At 2 m. Tikari; at $4\frac{1}{2}$ m. Diha; at $5\frac{1}{2}$ Parwar; cross Pakaryar Nadi at $8\frac{1}{2}$ m. by strong ford, impassable in rains. A large village, about 1,200 yds. N. of road. <i>Camping Ground.</i> —At junction of Great Deccan and Rewah-Mirzapur roads. <i>Water.</i> —From well near b., 300 yds. S. and tank E. of C. G. <i>Supplies.</i> —Ample on notice. Only small quantities at hand. Grass and firewood scarce.

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE,	4	RAIPUR.—7 m. 7 f. Road metalled but not b., p.o. bridged. Country as above. Cross the Bakhsha at $3\frac{1}{4}$ m. and Mahanadi at end of march, by causeway, impassable in the rains. A good sized village $\frac{1}{2}$ m. S. of road. <i>Camping Ground.</i> —In mango grove, N. of road and 1 m. N.-E., of village. <i>Water.</i> —Plentiful, from Mahanadi, 350 yds. E. of, and 2 wells on C. G. <i>Supplies.</i> —In small quantities on notice. Grass and firewood plentiful.
		42 m. 7 f.	
		5	REWAH.—10 m. 2 f. Road raised, bridged b., p. o., t. s. and metalled. Country undulating, open and mostly cultivated. At end of stage cross Gogur River, passable except during heavy rain. A town of 36,000 inhabitants. Capital of Rewah State. There are Civil, Military, police and Native Hospitals and a Veterinary Hospital.
		53 m. 1 f.	There is a state garage but petrol is not on sale. There is now no Dak Bungalow. * There is a daily State Service of Motor Busses to and from Sutna.

### Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
			<i>Camping Ground</i> —N.-W. of town beyond Gogur River. Demarcated water from two wells near ground.
			<i>Supplies</i> .—Available on notice but quantity depends on season. This applies to all towns between here and Jubbulpore.
		6	From here to Damoh by Route II (Eleven) in 13 marches. A good metalled road as far as Sutna.
			<i>Water</i> .—Plentiful; one well S. and one W. of C. G.; also Bihar river.
			<i>Supplies</i> .—Ample.
			From here to Damoh by route 11 in 13 marches.
		66 m. 6 f.	KATRA MOHARI.—13 m. If. A good metalled road through country as before for first $6\frac{1}{4}$ m. Thence a good fairweather road which has once been metalled but is not kept up. At $6\frac{1}{4}$ m. metalled road to Sutna (31 miles 3 marches.)
			<i>Camping-Ground</i> .—At present undemarcated. N. W. of road opposite milestone 125m. 6f. from Jubbulpore. No shade. Water from a tank 130 yards N.-E. of ground.
			<i>Supplies</i> .—See Rewah.
		7	AMARPATAN.—14 m. Country, and road as last portion of preceding stage. 3 bricked nullahs not passable during heavy rain.
		80 m. 6 f.	<i>Camping-Ground</i> .—Demarcated, opposite milestone 112 from Jubbulpore. No shade. Water from well 300 yards E. of ground. Animals

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, BAGHELKHAND, AT SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	8 94 m. 7 f.	can water from Jhinna River which dries up about April. <i>Supplies.</i> —See Rewah. Dak Bungalow reverted to State and not available. <i>MAIHER.</i> —14 m. 1 f. Country and road as before except last 7 m. which are metalled. At 11½ m. cross Tonse River by a brick High Level Bridge. The capital of Maiher State. Dak Bungalow. Post and telegraph Offices. Railway Station. From here to Harda the railway and road are never more than 3 miles apart. <i>Camping-Ground.</i> —Demarcated, ½ mile S. of walled town. Water from 2 wells S. on ground and a tank for animals. Little shade. <i>Supplies.</i> —See Rewah. A large walled town the capital of Maiher State. <i>Camping Ground.</i> —240×120 yds. ½ m. S. of city and 50 yds. W. of road demarcated. <i>Water.</i> —Good from large wells S. of C. G. For animals from 2 tanks. <i>Supplies.</i> —Moderate amount always at hand; plentiful on notice.
		9 107 m. 2 f.	GHUNWARA.—12 m. 3 f. Country undulating; open and cultivated. Road as before and surface good. <i>Camping-Ground.</i> —Demarcated N. W. of village. Water from 2 wells near C. G., and a tank for animals. <i>Supplies.</i> —See Rewah.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		10	SUBAHGANJ.—12 m. 2f. Road as above except that in first 4 m. there are several brick-ed nullas and from 8 miles to end of stage the road consists of a series of small switchbacks over 6 bricked nullas and finally one unbricked one. The road passes along a valley between high and nearly perpendicular hills on the W. from 300 to 800 yards and on the E. high sloping hills about a mile away. At 4th mile pass Amdara. A small village with Inspection Bungalow, Railway Station and post and telegraph offices. <i>Camping-Ground.</i> —Demarcated. N. E. of village. Heavy undergrowth after rains. <i>Water.</i> —From 2 wells near ground and tank for animals. <i>Supplies.</i> —See Rewah. From here by Route 85 to Damoh and Saugor. Road almost impassable.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JURBULPORE.		11	KYLWARA.—9 m. In the first $1\frac{1}{2}$ m. the road crosses 5 bricked and finally one unbricked nulla. All impassable during heavy rains and the latter a source of difficulty to motors at all times. There are danger notices on each side of each nulla. Country as before. In the 7th m. the road crosses a bricked irrigation nulla in which there is about a foot of water till December. A small village in British Territory. <i>Camping Ground.</i> —S. of village and W. of road. Demarcated. <i>Water.</i> —From 2 wells E. of C. G. <i>Supplies.</i> —See Rewah.
POLITICAL AGENT, BAGHIEKHAND, AT SUTNA.		128 m. 5 f.	

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY, BRIGADE, JUBBULPORE.	12	KATNI-MURWARA.—7·4. Gentle descent cultivated and partly through country partly jungly. Road at first; good unmetalled but last 3 miles poorly metalled. All nullas bridged. A large and growing town with several important cement works in the neighbourhood. It is the Hdqs. of a Tehsildar in the Jubbulpore Division. Dak and Inspection Bungalow Post and telegraph offices. Katni Station is on the E. I. R. and Murwara (about $\frac{3}{4}$ mile away) is on the G. I. P. <i>Camping-Ground.</i> —A new ground with well laid out W. of road before reaching town. Trees planted about 1911 as yet little shade. <i>Water.</i> —From well on ground. <i>Supplies.</i> —See Rewah, but there is a large Bazaar.
		13	PIPRODH.—8 m. First two miles level, surface very poor. Several level crossings. Thence gentle slope downhill, surface good. Country at first cultivated, then jungly. All nullas bridged. Railway and telegraph at Niwar Station 3 miles E. of road. <i>Camping-Ground.</i> —S. of village. Demarcated, swampy during and just after rains, heavy under growth. Shade good. <i>Water.</i> —A small well reported to run day in summer; 3 perennial streams. Tank for animals. <i>Supplies.</i> —See Rewah.

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
		14	<p>SLEEMANABAD.—8 m. 4 f. Country undulating and very jungly. Surface as before, but very poor near villages. All nullas bridged. Railway Station and telegraph office at Sleemanabad Station about 3 miles E.</p> <p><i>Camping-Ground.</i>—Two, one N. of village, E. of Road, Shade good but heavy undergo with after rains.</p> <p><i>Water.</i>—Plentiful from well and stream. Second ground, S. of village, W. of road. No shade, water from well and tank.</p> <p><i>Supplies.</i>—See Rewah.</p>
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	15	<p>SIHORA.—13 m. 6 f. A gentle descent through jungly country for first half of stage, thence level through open and cultivated country. All nullas bridged except two surface drains near Sihora. These are passable except when heavy rain is falling.</p> <p>Dak Bungalow and Civil Dispensary. Hqs. of a Tahsildar in the Jubbulpore Division.</p> <p><i>Camping-Ground.</i>—½ m. N. E. of village on both sides of road, demarcated. Large and excellent shade.</p> <p><i>Water.</i>—From perennial well and stream ¼ m. N. for animals. Stream runs dry about April or May.</p> <p><i>Supplies.</i>—From a large bazaar, but see Rewah. Railway and telegraph at Sihora Road Station 2 m. S. E.</p>

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		16	GOSALPUR.—8 m. Road and country as last portion of preceding stage, but surface of road sandy in places. At 2 m. cross Hiran River. A kutcha bridge is built by middle of December. During heavy rains a ferry (Capacity one motor car or 30 men). River soon commences to fall and usually by middle or end of July the ferry cannot float. From then till completion of Bridge the only means of crossing is one rowing boat. Cycles but not motor cycles can be carried. Approaches to river bank all the year. Either deep ruts or deep sand and steep. Infantry might cross on railway Bridge about 100 yards E.
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	174 m. 3 f.	Railway and telegraph, Gosalpur Station. <i>Camping-Ground.</i> —600 yards S. of village. Demaracted. <i>Water.</i> —From perennial well. <i>Supplies.</i> —See Rewah.
		17	PANAGAR.—9 m. Road slightly undulating at first and then level. Surface metalled but very poor. All nullas bridged. Country open and cultivated. Railway and Telegraph. Deori Station 1 mile N. E. Small Inspection Bungalow and Missionary Dispensary. <i>Camping-Ground.</i> —Demaracted. Swampy during rains and heavy undergrowth immediately after.

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, JUBBULPORE.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Water.</i>—From one well and stream which runs dry about April or May.</p> <p><i>Supplies.</i>—See Rewah.</p>
18		193 m. 6 f.	<p>JUBBULPORE.—10 m. 3 f. Road metalled, raised and bridged, but surface poor. Motorable in fair weather and with difficulty during rains. Country level open and cultivated. Headquarters 21st Indian Infantry Brigade and of a Civil District. British Station Hospital. Two Circuit Houses, Dak Bungalow, Inspection Bungalow and Hotels.</p> <p>The Garrison consists of a Regiment of Native Cavalry. A Brigade (less one Battery) of R. A. A British and Indian Infantry Battalions, Signal Training Centre and Depot and Native Infantry Depot.</p> <p><i>Camping-Ground.</i>—Will be allotted by Colonel Commandant, Jubbulpore.</p> <p><i>Supplies.</i>—Plentiful from Sudder Bazaar and City.</p> <p>From here by Route VI Dhanura to Srinagar <i>via</i> Kamptee, and by Route XI <i>via</i> Damoh to Nasirabad. Also Minor Route 10 to Birsinghpur and 43 to Borai.</p>
19		203 m. 5 f.	<p>MIRGANJ.—9 m. 7 f. Country level and cultivated; road metalled and bridged, suitable for all arms. Nalas forable; at <math>3\frac{1}{2}</math> m. pass Gusha.</p> <p>A small village.</p>

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C. NARSIGHPUR	D. C. JUBBULPORE.		<i>Camping-Ground.</i> —280×200 yds. S. of road. <i>Water.</i> —Good from a well and for animals from a small lake, N.-W. of and close to C. G. <i>Supplies.</i> —Procurable.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		20	<i>SHAHPURA.</i> —8 m. Country, road, nala as p. o., r. s before, except that from 2 m. 6 f. road is unmetalled. A large village. <i>Camping-Ground.</i> —S. of road and near village. <i>Water.</i> —Plentiful, good, from 3 wells in vicinity of C. G. <i>Supplies.</i> —On notice.
		21	<i>KAMARIA.</i> —8 m. Country undulating and covered with scrub jungle, but cultivated, towards end of stage; road unmetalled but partially bridged and suitable for all arms; cross the Nerbadda by ford over loose heavy soil in the dry season, by ferry (1 boat carrying 20 men) in the rains; then ascend to Jhansi-ghat on S. bank by a steep path. A large village. <i>Camping-Ground.</i> —10,000 sq. yds. S. of road. <i>Water.</i> —Plentiful from 3 wells in good order. <i>Supplies.</i> —On notice.
		22	<i>CHHINDWARA-CHOTA.</i> —5 m. Road and p. o., r. s. nala as above. A large village.
		223 m. 1 f.	

### Route No. XII.

AUTORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NARSINGHPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<i>Camping Ground.</i> —Small 100 yds. N. of road. <i>Water.</i> —Good from 2 wells in good order, and for animals from stream near C. G. <i>Supplies.</i> —Procurable.
		23	BELKERI.—11 m. 6 f. Country and road as above. Cross Umar at 4 m. 6 f. and Banganga at 7 m., both generally fordable. A large village. <i>Camping Ground.</i> —120×100 yds. S. of road. <i>Water.</i> —Good from Sher river, 150 yds. from C. G. <i>Supplies.</i> —Procurable.
		24	NARSINGHPUR.—11 m. Country and nala b. p. o., r. s., t. s. as above; road as before for first 6 m.; thence metalled and bridged; cross the Sher on starting by ferry (2 boats, each carrying 20 men) and pass Khandara at 7 m. A small civil station. <i>Camping Ground.</i> —240×160 yds. W. of and close to the town hall. <i>Water.</i> —Plentiful, good, from 2 wells at a little distance, for animals from a nala in vicinity of C. G. <i>Supplies.</i> —Abundant.
		25	KARELI.—9 m. 2 f. Country as above p.o., r.s. road unmetalled, nala fordable. Cross the Barurewa (generally fordable) at 4 $\frac{1}{4}$ m. A large village.
		255 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.		
D. C., NARSINGHPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	26	<p><i>Camping Ground.</i>—100×440 square yds. E. of and near village.</p> <p><i>Water.</i>—Plentiful, good, from 2 wells, 100 yds. from C. G. also 1 tank near C. G.</p> <p><i>Supplies.</i>—Procurable.</p>
		263 m. 5 f.	<p>PANARI.—8 m. 4f. Country open, cultivated (wheat) road as above, except that the latter is metalled for the 1st m.; pass Bansur at 4 m.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—98,000 square yds. 100 yds. E. of village and broken by <i>nalas</i> running across it; ground kept clear of brush wood.</p> <p><i>Water.</i>—Plentiful, good, from many wells in vicinity of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
DEPUTY COMMISSIONER OF HOSHUNGABAD.		27	<p>GADARWARA.—12 m. Country, road, and b., p. o., t. s., p. s., <i>nalas</i> as above, pass Kauriya ((p.o.) at 9½ m. and cross the Sukur, near end of stage by ford and in rains by ferry, 1 boat carrying 40 men.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—348,500 square yds. 50 yds. W. of village.</p> <p><i>Water.</i>—Plentiful, good, from 3 wells, and for animals from 2 tanks in vicinity of C. G.</p> <p><i>Supplies.</i>—Abundant.</p>
		275 m. 5 f.	

DEPUTY COMMISSIONER OF HOSHUNGABAD.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. XII.
		28	NANDNAIR.—7 m. Country and road as above; pass Amagaon at 5 m. and cross the Umar (fordable) at end of stage, unsuitable for artillery, unfordable in rains; road here bad. A small village. <i>Camping Ground.</i> —348,500 square yds. 500 yds S. W. of village. <i>Water.</i> —Plentiful, good, from 3 wells and the Uhr stream near C. G. <i>Supplies.</i> —On notice.
		29	BANKHERI.—15 m. Country sparsely cultivated; road as p. o., r. s. above; pass Panagar at $7\frac{1}{2}$ m. and cross the Dudhi river immediately afterwards by ford in dry season, by ferry (1 boat carrying 20 men) in the rains. A large village. <i>Camping Ground.</i> —87,120 sq. yds., 50 yds. N. of village. <i>Water.</i> —Plentiful, good, 3 wells and the Ole stream near C. G. <i>Supplies.</i> —Procurable.
		30	HATWAS.—12 m. 5 f. Country, road, and r. s. (PIPARIA). nalas as above. Cross the Arjan at 5 m. and Kurini at end of stage, both fordable except after heavy rain. A large village
		310 m. 2f.	

## ROUTE NO. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		on the left bank of the Kurini Piparia, r.s., is 1 m. S. of Hatwas whence an unmetalled road runs to Pachmari, 30 m. <i>Camping Ground.</i> —325,250 sq. yds. $\frac{1}{2}$ m. N.-E. of village. <i>Water.</i> —Not sufficient from a well 61 ft. deep, but there is a river close by. <i>Supplies.</i> —Procurable.
31		SOHAGPUR.—11 m. 1 f. Country well b., p. o. r. s. t. s. cultivated (wheat) road partly bridgede for 1st $8\frac{1}{2}$ m. thence metalled. Pass Nemari at 4 m. and Naptana at 6 m. A large town. <i>Camping Ground.</i> —144,220 sq. yds., E. of village not kept clear of brushwood. <i>Water.</i> —Ample, good, from 6 wells and the Palakmati river close to C. G. <i>Supplies.</i> —Abundant.	
32		SEMRI-HARCHAND.—7 m. 4 f. Country p.o., r.s. and nala as before. Road metalled for first $2\frac{1}{2}$ m. only. Cross Palakmati on starting, by ford in dry season, by bridge $\frac{3}{4}$ m. up river in the rains. Pass Bamhouri at 2 m. A fair-sized village. <i>Camping Ground.</i> —305,860 sq. yds. 200 yds. E. of village. <i>Water.</i> —Plentiful, good, from a private well and another close by, and a nala close to C. G. <i>Supplies.</i> —Procurable.	

### Route No. XII.

<u>AUTHORITIES.</u>		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF HOSHUNGABAD.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	33	BABAII.—10 m. Country and nala as p.o. above; road neither metalled nor bridged, but practicable for all arms. Pass Bhutwara at $5\frac{1}{4}$ m. A large village. <i>Camping Ground.</i> —750×400 yds. 250 yds. E. of village. <i>Water.</i> —Plentiful, good from numerous wells, 3 being near C. G., other wells in village. <i>Supplies.</i> —Procurable.
		34	TAWA RIVER.—6 m. 2 f. Road and NEAR NIMSANDIA nala as before. Pass Anchalkheri at 4 m. and cross Tawa river at end of stage, by ford in dry season (double span of animals necessary for heavy carts) boat (carrying 20 men or 1 cart) in rains. A village. <i>Camping Ground.</i> —449,350 sq. yds. on left bank $1\frac{1}{2}$ m. E. of Nimsandia. Soil sandy, not kept clear of brushwood. <i>Water.</i> —Ample, a good well, also from river. <i>Supplies.</i> —On notice.
		35	HOSHUNGABAD.—8 m. 6 f. Road me- b. p. o. t. s. r. s. tallled and bridged after 1st 3 m. Country slightly undulating and cultivated. At $1\frac{1}{2}$ m. Nimsandia; at 4 m. Jhasulpur. A civil station on left bank of Nerbadda river, Headquarters of Commissioner.

AUTHORITIES.			No. of stage and total distance.	Route No. XII.
Civil.	Mili- tary.			
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULEFORE.				<p><i>Camping Ground.</i>—600×400 yds. on bank of river <math>\frac{1}{2}</math> m. N.-W. of town demarcated. <i>Water.</i>—Good from river. <i>Supplies.</i>—On 15 days' notice.</p>
		36	365 m. 7 f.	<p>DULARIA.—12 m. Good fair-weather road, p.o. r.s. (<math>1\frac{1}{2}</math> m.).. unmetalled. Country open. At 4 m. Rokna ; at 7 m. Samnalkhera ; at 9 m. Berikheri and cross nala by ford. A good sized village with a few shops. (Semri p.o. and r.s., <math>1\frac{1}{2}</math> m. S.-E. of village.)</p>
		37	372 m. 5 f.	<p><i>Camping Ground.</i>—Extensive, demarcated, 300 yds. S. of village on right bank of Hathara river. <i>Water.</i>—Abundant from wells and river. <i>Supplies.</i>—On notice.</p>
		38	381 m. 7 f.	<p>BAGHWARA.—6 m. 6f. Road and country r.s. (2 m.). as above. At <math>\frac{1}{4}</math> m. a river; at <math>3\frac{1}{2}</math> m. a nala ; at 3 m. 3 f. Rutmara, a big village S. of road. This stage crosses 4 rivers and one large nala, difficult in the rains. A small village with a few shops. <i>Camping Ground.</i>—100 yds. S. of village on right bank of Hajaria nala. <i>Water.</i>—Abundant from wells and road. <i>Supplies.</i>—On notice.</p>
DEPUTY COMMISSIONER OF HOSHUNGABAD.				<p>SEONI.—9 m. 2 f. Road and country as b., p. o., t. s., r.s., (<math>1\frac{1}{2}</math> m.) above. At 1 f. Hajaria dnala ; at 7 f. a nala.</p>

## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. XII.

DEPUTY COMMISSIONER, HOSHANGABAD.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

			At $1\frac{1}{2}$ m. Dharam Kundi r.s. cross railway ; at 3 m. 2 f. and 3 m. 7 f. nalas with pakka causeways ; at 5 m. 2 f. a village ; at 5 m. 4 f. a nala ; at 8 m. 3 f. a small river with pakka causeway.
			A big town, Headquarters of a Tahsildar ; police station. <i>Camping Ground.</i> —Good, demarcated, 12,000 yds. N.-E. of town, on N. bank of Kandeli river. <i>Water.</i> —Good, from a pakka well, which is cleared after the rains. <i>Supplies.</i> —A large grain market. Grain for a brigade, and 600 maunds buhsa and grass always available ; notice must be given for fuel.
	39	388 m., 7 f.	PAGHDAL.—7 m. Country and road as p.o., r.s. above. Cross several nalas, two bridged. At 4 m. 6 f. Rawanpipat S. of road ; at 6 m. Boaria. A big village. <i>Camping Ground.</i> —300 yds. S.-W. of village, small, demarcated. <i>Water.</i> —Abundant from wells. <i>Supplies.</i> —A few shops.
	40	397 m., 5 f.	TEMURNLI.—8 m. 6 f. Country and road b., p.o., r.s. as above. At $1\frac{1}{2}$ m. Diutia on right bank of Moral river.

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
1ST ASST. TO THE A. G. G., INDORE.	DEPUTY COMMISSIONER OF HOSHUNGABAD.		
G. O. C., CENTRAL PROVINCES, DISTRICT. COLONEL COMMT. 21ST I. I. BDE., JUBBULPORE.			
		41	At $2\frac{5}{8}$ m. Gunjal river 300 yds. wide, bed sandy, banks high, difficult for carts, fordable 5 days after heavy rains.
		406 m.	At $3\frac{5}{8}$ m. Chilgaon Baskar ; at $7\frac{7}{8}$ m. Temurni r.s., to right.
		1 f.	A big town with police station. <i>Camping Ground.</i> —300 yds. S.E. of village on right bank of Kandali river, demarcated room for one battalion. <i>Water.</i> —Wells and river. <i>Supplies.</i> —Ample for men ; 15 days' notice for fuel and forage.
			HARDA.—8 m. 4 f. Country and road as b., p.o., t.s., r.s. above. ; At $2\frac{1}{2}$ m. a nala ; at 3 m. Charkhera on felt and Nimacha on right of road. Nalas at $4\frac{1}{2}$ m., $4\frac{3}{4}$ m., $5\frac{1}{2}$ m.
			At $6\frac{1}{2}$ m. Uran and nalas. Irish bridges at all streams.
			A big town ; Headquarters of Extra Assistant Commissioner ; police station. <i>Camping Ground.</i> —1,000 yds. E. of town, demarcated room for 2 battalions. <i>Water.</i> —From wells and Anjan river about 3 f. off (ample). <i>Supplies.</i> —Abundant.
		42	NIMAWAR.—13 m. 4 f. Country undulating b., p.o. and cultivated. Road metalled in fair repair, fit for motors, nalas bridged or paved At $7\frac{1}{4}$ m. a well ; at $10\frac{1}{2}$ m. Gosia ; at 13 m. Hindia and cross Nerbadda river to Nima-war.
		419 m.	
		5 f.	

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
43		The river is not fordable till March and is then only passable for empty carts on account of the sandy bed. Bed about 400 yards broad; approach from S. is bad. About a dozen punts (8 capacity 8 empty carts and 4 capacity 2 empty carts) and a pontoon (motor or field gun) available. Both Resident, Indore, and D. C., Hoshangabad, must be written to for boats, as about half belong each side of river. Pontoon belongs to Indore. When river is full, each trip takes about an hour; dry weather $\frac{1}{2}$ hour.
428 m. 5 f.		<p><i>Camping Ground.</i>—On N. bank (Indore) either at turning to d. b. or between d. b. and temple, room for one regiment at each. On S. bank (Hoshangabad) 200 yds. S. of police thana on W. of road.</p> <p><i>Water.</i>—One well on each ground; that on S. bank, best; also from river.</p> <p><i>Supplies.</i>—About a dozen bunnias' shops on either bank. Notice (one month) to D. C., Hoshangabad, for S. bank and Resident, Indore, for N. bank.</p> <p><b>KHATAGAON.</b>—9. m. Country cultivated b., p.-o. and undulating. Road metalled and good, nasas, bridged or paved; a slight ascent all the way. Khatagaon is a town of 2,000 houses with dispensary.</p>

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
		<i>Camping Ground.</i> —By dak bungalow, for a brigade.
		<i>Water.</i> —One well in hospital compound, 100 yds. distant, one in factory compound opposite dak bungalow.
		<i>Supplies.</i> —Abundant. Notice required for fuel and fodder.
	44	KANOD.—12 m. 4 f. Country at first jungle-clad, then cultivated. Road metalled and good.
1ST ASST. TO THE A. G. G., INDORE.	441 m.	At $8\frac{1}{2}$ m. Nanasa, a small village. Kanod has about 2,000 houses and a dispensary.
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	1 f.	<i>Camping Ground.</i> —200 yds. S.E. of dak bungalow for 1 regiment.
		<i>Water.</i> —One well on C. G. and two others near Talao for animals.
		<i>Supplies.</i> —Available for a regiment. Ample on notice (one month). Grass scarce. Another C. G. with well is available on the west of the town by the kutcherry.
	45	BIJWARI.—12 m. Country hilly, cultivated, p. o. (PANIGAON). Road metalled in vicinity of villages, otherwise jungle.
	453 M.	Road metalled and good, nala bridged or paved.
	1 f.	At $3\frac{1}{2}$ m. Bagankhera and cross nala to Kaloda; at $6\frac{1}{2}$ slight ascent and at $7\frac{1}{2}$ m. Kalwar Ghat $\frac{1}{2}$ m. long begins; at 9 m. Kalwara.

**Route No. XII.**

AUTHORITIES.		No. of stage and total distance.	Route No. XII.
Civil.	Military.		
1ST ASST. TO THE A. G. G., INDORE.	RESIDENT, GWALIOR.		<i>Bijwari</i> is a small hamlet. <i>Camping ground</i> .—In vicinity of bungalow. <i>Water</i> .—4 wells near. <i>Supplies</i> .—Nil. One month's notice required. Ample firewood and grass from surrounding jungle.
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES	DISTRICT.		46 CHAPRA.—16 m. At 4 m. Hatnori; Dhartalas Ghat begins here; at 6 m. top of Ghat; at 9 m. Kherakal; at 10 m. Bari; at 11 m. Paulae; at 13 m. Piplia. Country jungle covered till near Bari when cultivation begins; from the top of the Ghat onwards fairly flat. Road metalled, but rough after first three miles. <i>Camping Ground</i> .—West of village for one brigade. <i>Water</i> .—Two wells. <i>Supplies</i> .—One month's notice required. There is a t. s., at Hatpiplia 5 m. N. by metalled road.
		47	RAGHOGARH.—11 m. Country partly jungle and partly cultivated at first, latter part almost entirely under cultivation. Road metalled but rough. At $6\frac{1}{2}$ m. Hirapur. From here ascent of Ghat (gradual) begins. Raghogarh is about a mile beyond the top of the Ghat. <i>Camping Ground</i> .—S. of road on sloping ground.
		480 m. 1 f.	

### Route No. XII.

AUTHORITIES.		No. of stage and total distanc e.	
Civil.	Mili- tary		
1ST ASST. TO. THE A. G. G., INDORE.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
		48	<i>Water.</i> —One well (perennial). <i>Supplies.</i> —On notice. Three bunnias' shops in village. Grass and firewood from jungle.
		490 m. 1 f.	<b>KHUREL.</b> —10 m. Country generally cultivated, p. o. Road metalled, but rough for first 7 m. At 2 m. Akbarpur with a talao holding water in April; at $6\frac{1}{4}$ m. Phalli to S.; at $8\frac{1}{2}$ m. a talao to S. of road. <i>Camping Ground.</i> —To E. of bungalow, shady, for two regiments. <i>Water.</i> —One well; low in hot weather. <i>Supplies.</i> —On notice.
		49	<b>INDORE.</b> —12 m. Country cultivated and b., p. o., t. s., r. s. flat. Road metalled and good. At $5\frac{1}{2}$ m. Dodia; at 10 m. (M. S. O., Mhow) Gate, road turns off to right through park to C. G. two miles distant. <i>Camping Ground.</i> —By Rutlam Kothi, $2\frac{1}{4}$ acres. <i>Water.</i> —Well in compound of Rutlam Kothi <i>Supplies.</i> —Abundant.
P. A., SOUTHERN STATES OF CENTRAL INDIA, MANPUR.		50 511 m. 1 f.	<b>KALARIA.</b> —9 m. Country flat and cultivated. Road metalled and good. At 4 m. Sirpur. <i>Camping Ground.</i> —Not demarcated. <i>Water.</i> —2 wells (private) and Ghauri nala. <i>Supplies.</i> —On notice.

POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.

## GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. XII.
		51	UPRI.—15 m. Country flat and cultivated. <i>b.</i> Road metalled and good. <i>Camping Ground.</i> —70,500 sq. yds. on left bank of Chambal river. <i>Water.</i> —From Chambal river. <i>Supplies.</i> —On notice.
		52	GUNAWAD.—5 m. 3 f. Good metalled road. At 1 m. 4 f. Pankheri, 4 huts and <i>p. o.</i> At 3 m. 5 f., metalled road to Neemuch branches off (14 marches) Route III. 148 houses, 3 shops. <i>Camping Ground.</i> —35,000 sq. yds. E. of village, no boundary pillars. <i>Water.</i> —From well, 30 ft. deep; also from nala and tank. <i>Supplies.</i> —From Dhar Dikthan.
		53	DHAR.—7 m. 3 f. Road as above. At 2 f. <i>b., p. o., t. s.</i> cross a large nala, country open and cultivated; at 3 m. 1 f. cross Bagari nala (bridged) at 6 m. 2 f. Setpura. A large town with small fort. From Dhar a metalled road runs to Mandoo 19 m. the ancient capital of Malwa and to Gujri, 22 m. (on Route VIII) general direction S.-E. <i>Camping Ground.</i> —846×685 yds. 1½ m. E. of town, marked by wooden pegs. <i>Water.</i> —From 2 tanks and wells. <i>Supplies.</i> —And transport abundant from Dhar city.

A U T H O R I T E S.			
C i v i l .	M i l i t a r y .	No. of stage and total distance.	
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			<b>Route No. XII.</b>
		54	MANGOD.—15 m. 4 f. Road as above. At 2 m. 4 f. pass Dayi-Sagur tank; 3 m. 5½ f. Amkheri; 4 m. Gianpura; at 5 m. 1 fr. Nathkichotri, small temple, at 5 m. 5 f. Taila, and a cart-road to Amjhera to left. at 11 m. 3 f. Mangrol, about 3 f. to left. A small village. <i>Camping Ground.</i> —Near rest house. Not demarcated. <i>Water.</i> —From wells which are liable to dry up A small tank for animals 1 m. N. of camp. <i>Supplies.</i> —From Amjhera 3 m. off.
		55 565 m. 4 f.	SIRDARPORE.—11 m. 1 f. Road as above. <i>b., p. o., t. s.</i> At 3 m. 3 f. Hated, 4 f. to left; at 4 m. 6 f. road from Dhar via Sagwad joins on right, and from Dhar via Amjhera on left, both country carts-roads; at 8 m. 2 f. Phulgamri; at 8 m. 4 f. cross large nala (bridged). <i>Camping Ground.</i> —Not demarcated. <i>Water.</i> — <i>Supplies.</i> — } Abundant.
		56 575 m. 6 f.	TIRLA.—10 m. 2 f. Good metalled road to Raigarh, afterwards fair-weather cart-track, on starting cross Mahi river (bridged) at 3 m. Rajgarh; at 6 m. 7 f. Piparni; at 9 m. 1 f. Chharawal. A small village on E. bank of Chanar river, 3 shops.

GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		AUTHORITIES.
Civil.	Mili-tary.	No. of stage and total distance.
		<b>Route No. XII.</b>
		<i>Camping Ground.</i> —38,400 sq. yds. 172 yds. N.-W. not demarcated. <i>Water.</i> —From 4 wells, 27 ft. deep and tank, and river with water all the year. <i>Supplies.</i> —
	57	PARA.—12 m. 7 f. Tolerable cart-road for 2 m. then begins descent of Tirla ghat, not difficult for carts. From foot of Ghat, road stony and through thick jungle between ridges of low hills. Cross 2 small rivers and 18 nalas, 211 houses, population 825, Amin's office and a thana with 11 sepoys and 2 sowars. A little transport available. <i>Camping Ground.</i> —Two, named Bagichawala and Garwarwala on high ground to and E. of the village. <i>Water.</i> —Plentiful, rivers and wells. <i>Supplies.</i> —Plentiful, 10 shops.
	58	RANAPUR.—9 m. 4 f. A fair-weather country road. At 1 m. 4 f. Walls, a Bhil village; at 3 m. 4 f. Rajla, a thana with 6 sepoys and 1 sowar; at 8 m. Bhuri Mati, 20 Bhil huts. 721 houses, population 2,336, Tehsildar's office with 22 sepoys and 11 sowars. Small amount of transport available <i>Camping-Ground.</i> —1 bigha, 14 biswas demarcated.
	598 m. 1 f.	

## Route No. XII.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, SOUTHERN STATES, AT MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
			<i>Water.</i> —Plentiful from wells, depth 25 ft., tank 400 yds. to W. and stream. <i>Supplies.</i> —Plentiful.
		59	KUNDANPUR.—9 m. 4 f. Fair-weather cart-road, soil brown, soft and hilly ; cross many nalas with stony beds. At 1 m. 4 f. Mathasula with 40 Bhil huts and Chota Mathasula with 20 huts ; at 3 m. Tanda and cross Mad nala ; two Bhil chaukis on both sides of nala, 1 in village of Uberao, 30 huts ; the other in Dotad, 60 huts. Nala occasionally impassable for 1 day only in heavy floods. 80 houses, 4 shops, population 237. Thana with 6 sepoys and 2 sowars.
		607 m. 5 f.	<i>Camping Ground.</i> —two, 1 called Bagichawala with black soil the other on the bank of Bnamsi river with brown, hard soil. <i>Water.</i> —Plentiful from river and well. <i>Supplies.</i> —Moderate.
		60	DOHAD.—13 m. 4 f. Road between Kun <sup>r.</sup> , p. o., r. s. danpur and Dohad practically non-existent ; ruts in places 2 ft. deep, many nalas very difficult to cross and impassable in rains. At 4 m. Agawara. 1 house (here enter British territory) ; $\frac{1}{2}$ m. further cross Kali river impassable after heavy rain for a few hours at 7 m. 4 f. Katwara, 150 houses, 13 shops, water
		621 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
			<p style="text-align: center;"><b>Route No. XII.</b></p> <p>and supplies deficient ; at 9 m. 4 f. Gamla ; at 10 m. 4 f. Jala ; at 11 m. cross Khan river impassable during heavy floods.      3,136 houses with a fort and ditch round it.      Bungalow and police lines, N.-E. of C. G.      Route 28 to Rutlam branches off here (8 marches).  <i>Camping Ground.</i>—30 acres, demarcated, in bungalow compound.  <i>Water.</i>—A large tank and several wells.  <i>Supplies.</i>—All kinds abundant.</p>

**Route No. 1.**  
**FROM KALESAH TO RAJA KINGAON.**

*Length 48 m. 6 f.*

*4 Marches.*

*Authority and date (month and year).*—Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, September 1921.

*Epitome.*—General direction N. W. This is only a cart-track, practicable in the dry season, traversing a country of black cotton soil. Several difficult rivers and nalas have to be crossed; also some steep and difficult hills.

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 1.</b>
Civil.	Mili- tary.		
R. AT HYDER- ABAD.	R. AT HYDER- ABAD.		<p><b>KALESAH.</b>  A small village.</p> <p><i>Camping Ground.</i>—N.-W. near river.</p> <p><i>Water.</i>—From river.</p> <p><i>Supplies.</i>—Good and abundant.</p>
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COL. COMDT. 21ST I. BDE, JUBBULPORE.	1  13 m. 3 f.	<p><b>BARR.</b>—13 m. 3 f. Road stony and rough at end of stage. Country flat and little cultivated. Soil red and black clay. Road is a fair-weather one over a hill, 50 ft. high to E. of village. Cross and recross the Kher river and a nala unbridged. A fair-sized village.</p> <p><i>Camping Grounds.</i>—E. and W. of village; that to the W. becomes very muddy during rainy season.</p> <p><i>Water.</i>—Ample from wells.</p> <p><i>Supplies.</i>—Must be collected from Risod and Wakad.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 1.
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.	2	LONAR.—13 m. 7 f. Country covered with p.o., t.s. light jungle; soil clay and black; road better, fairly level. Cross a nala unbridged. A large place. <i>Camping Ground</i> .—Good and extensive to E. <i>Water</i> .—From wells adjacent. <i>Supplies</i> .—Moderate.
		3	BIBI.—11 m. 4 f. At 2 m. Sarsuti, a large village. The road in this stage is stony and rough throughout; two short but difficult hills are passed; the nalas are all difficult. Cross 3 nalas, unpaved. A small village. <i>Camping Ground</i> .—Good and extensive, on both sides of road before reaching village. <i>Water</i> .—Good, from wells and nala near. <i>Supplies</i> .—Scarce.
		4	RAJA KINGAON.—10 m. <i>Vide Main Route No. VII, stage No. 1,</i> cross the Purna river and a nala, unbridged.
		48 m. 6 f.	

## Route No. 2.

FROM RAJAH-DEWALGAON TO KAMPTEE.

*Length 278 m. 7 f.*

*25 Marches.*

*Authority and date (month and year).*—Amner to Kamptee, Captain A. J. Biscoe, 1st Royal Irish Rifles, September 1913.

*Epitome.*—General direction, N.-E. Ellichpur, then E. to Amner, thence E.-S.-E. to Nagpur. As far as Umrapur the road is bad and cut up. From Umrapur it becomes good, and continues so to Amner.

Between Amner and Kotal it is very bad; from Kotal to Kamptee is a good metalled road. The country between Amner and Kamptee is fully cultivated black cotton soil.

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BULDANA, BULDANA.	*		RAJAH-DEWALGAON.—A large town, 16 m. N.-E. of Jalna ( <i>vide</i> Volume VI of 1910, Route VII) by good road.
OFFICER COMMANDING, 21ST I. BDE, JUB. BULPORE.		1	<i>Camping Ground.</i> —Small, shady. <i>Water.</i> —From river close by. <i>Supplies.</i> —Available for 1,000 men and 500 animals on notice.
		13 m.	PATHAN-DEWALGAON.—13 m. Road metalled and bridged except at Purna in mile 12 which is crossed by ferry in rains (capacity 1 cart). <i>Camping Ground.</i> —Good, though soft in wet weather.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		
DIPUTY COMMISSIONER OF BULDANA, BULDANA.	COL. COMDTL. 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<b>Route No. 2.</b>
			<i>Water.</i> —From nala close by. <i>Supplies.</i> —Available from Rajah-Dewalgaon or Chikhli on notice of 1 week.
		2 22 m.	AMONA.—9 m. <i>Supplies.</i> —Available from Dewalgaon or Chikhli on notice of one week.
		3 33 m.	CHIKHILI.—11 m. Country hilly and rocky. <i>p.o., t.s.</i> Road metalled and bridged and in good order. A large place. <i>Camping Ground.</i> —Inferior, on black soil, $\frac{1}{2}$ m. E. of village. <i>Water.</i> —From wells. <i>Supplies.</i> —Available for 1 Regiment.
		4 47 m.	UMARPUR.—14 m. Country undulating with low grassy and stony hills, thin jungle and little cultivation. Road metalled and bridged except across the Pen-Ganga river and one big nalla at Umarpur where Irish bridge exists. Cross Pen-Ganga river and 2 nalas, unbridged; river bed stony, banks sloping. A large village. <i>Camping Ground.</i> —Good, near river. <i>Water.</i> —From wells near, but these are sometimes dry. <i>Supplies.</i> —Available on notice.

### Route No. 2.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		5	MARKHERA.—10 m. Road metalled and b. good. Several nala with Irish bridges. Undulating.
		57 m.	<i>Camping Ground.</i> —Small and not good, near b. Water.—From nala. Supplies.—On notice from Khamgaon.
		6	KHAMGAON.—14 m. A large town, and im- p.o., t.s., r.s. portant cotton mart; terminus of branch line from Jalamb. <i>Camping Ground.</i> —Close to town. Water.—{ Plentiful. Supplies.—}
		71 m.	SHEGAON.—11 m. A large village and p.o., t.s., r.s. r.s. <i>Camping Ground.</i> —Regiments usually camp on the open plain to E. of big tank 1 m. from the town. Water.—Plentiful Supplies.—Easily procurable.
		7	ANDURA.—13 m. Cross a river, unbridged.
		82 m.	<i>Camping Ground.</i> —Regiments use a private field close by. Water.—From Purna river, close by. Supplies.—Procurable from the village also from surrounding villages.
		8	
		95 m.	

DEPUTY COMMISSIONER OF BULDANA, BULDANA.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

AUTHORITIES.		No. of stage and total distance.	Route No. 2.
Civil.	Military.		
		9	PATSUL.—13 m. 4 f. Cross the Purna river, unbridged, difficult in rains. No ferry. <i>Vide Main Route No. III, stage No. 8.</i>
		108 m. 4 f.	
		10	AKOT.—8 m. <i>Vide Main Route No. III, p.o., t.s.</i> stage No. 9.
		116 m. 4 f. 11	PANEJ.—6 m. Cross a nala unbridged. A fair-sized village. <i>Camping Ground.</i> —To the N.
		122 m. 4 f.	
		12	ANJANGAON.—11 m. 7 f. Country fertile, and richly cultivated. Cross the Sanar river, unbridged. A large village on the bank of the Sanar river. <i>Camping Ground.</i> —S. of village. <i>Water.</i> —From Sanar river.
		134 m. 3 f.	
		13	PATHROT.—5 m. b. There is an inspection Bungalow.
		139 m. 3 f.	
		14	ELLICHPUR CAN- 13 m. Cross the TONMENT. Chandrabaga and Sam- b., p. o., t. s., r.s. pan rivers unbridged. Headquarters of the district; a large native city. The cantonment is 2 m. 3 f. beyond it to the N.
DEPUTY COMMISSIONER OF AMRAOTI AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JURBULPORE.		

DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.			AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	COLONEL COMMANDANT 21ST INDIAN INFANTRY BRIGADE. JUBBLUPORE.			
				15	SIRASGAON.—12 m. 3 f. Country open p.o. and cultivated, cross the Ambad, Pili and Megha river; and several nala, unbridged. A large village on the bank of the Megha river, bed dry in summer.
				164 m. 6 f.	<i>Camping Ground.</i> —To the N. <i>Water.</i> —From many good wells. <i>Supplies.</i> —Weekly bazar Saturday.
				16	TARODA.—12 m. Road unmetalled. Soil black, cross the Purna river, and several nala, unbridged.
				176 m. 6 f.	<i>Camping Ground.</i> —An open space available. <i>Water.</i> —From wells. <i>Supplies.</i> —Must be obtained from surrounding villages.
				17	MORSI.—12 m. 7 f. Black soil. Cross b., p.o. 1 nala, unbridged, via Nagarvadi, and 6 nala, unbridged, via Kolvihir, but the latter road is a good one. A large village. Route No. 7 crosses here.
				189 m. 5 f.	<i>Camping Ground.</i> —Yes. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Must be obtained from surrounding villages.
				18	LONI.—13 m. 1 f. Unmetalled road, difficult in rains. Cross 8 nala, unbridged.
				202 m. 6 f.	<i>Camping Ground.</i> —Small and good.

## Route No. 2.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., NAGPUR.	DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.		Water.—Ample. Supplies.—As above.
COLONEL, COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		19 209 m. 5 f.	RAJPURA.—6 m. 7 f. Cross 3 nalas, un- p.o. bridged. A small village.  Camping Ground.—Beside the river. Water.—Ample. Supplies.—A weekly bazar.
		20 219 m. 2½ f.	AMNER.—9 m. 5½ f. Unmetalled road. Cross 10 nalas, un- bridged.  Small village. Camping Ground.—Good. Water.—Ample. Supplies.—Must be obtained from surround- ing villages.
		21 235 m. 2 f.	KATOL.—15 m. 7½ f. Kotal to Nagpur is b., p. o., t. s., r. s. metalled and motor- able all seasons. Rail- way under construction. At 1 m. Wardha river unbridged, stony bottom, fordable except when in flood; also cross 2 smaller rivers with gravel bottoms, . and numerous nalas, all unbridged.  At 1½ m. Julalkharia (population 2,400) at 6½ m. Rohna; at 9½ m. Paruds (popu- lation 3,000). inga

## Route No. 2.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NAGPUR, NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
			Katol is a cotton centre with ginning mills (population 9,000).
			<i>Camping Ground.</i> —For two battalions, near Tehsildar's court.
			<i>Water.</i> —Wells, one large, one near C. G.
			<i>Supplies.</i> —Plentiful; market Tuesdays.
			The Itarsi-Nagpur Railway (under construction) runs parallel to road from here to Nagpur.
		22	DORLEE.—12 m. 7 f. Cross 3 unbridged nalas b. (bridges proposed). Road metalled and good.
		248 m. 1 f.	At $8\frac{1}{4}$ m. Mait Panjra. A village (population 1,300).
			<i>Camping Ground.</i> —1 m. S. W. of village along Kutcha road.
			<i>Water.</i> —Wells.
			<i>Supplies.</i> —Must be obtained from surrounding villages.
		23	KALMESHWAR.—8 m. 4 f. Cross one un- b., p.o., t.s r s bridged nala (bridge proposed). Road metalled and good (railway under construc- tion).
		256 m. 5 f.	A large village (population 5,000).
			<i>Camping Ground.</i> —1 $\frac{1}{2}$ m short of Kalmeshwar for one battalion; other open ground between this and village, but water very scarce.
			<i>Water.</i> —Scarce, from wells one near C. G.
			<i>Supplies.</i> —From village; market Sundays.

**Route No. 2.**

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF NAGPUR, NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	24	NAGPUR.—12 m. $3\frac{1}{2}$ f. At $1\frac{1}{2}$ m. Kalmeshwar village. A large city, headquarters of district and a large railway junction ; a wireless station at Sitabaldi Fort.
		269 m. $\frac{1}{2}$ f.	<i>Camping Ground.</i> —Government ground for one infantry brigade near Government House ; other open ground near. <i>Water.</i> —Pipe supply. <i>Supplies.</i> —Plentiful. On routes VI and VII.
		25	KAMPTEE.—9 m. $6\frac{1}{2}$ f. A large town and cantonment. <i>Camping Ground.</i> —For one Infantry Brigade at E. end of cantonment. <i>Supplies.</i> —Plentiful.
		278 m. $\frac{7}{f}$ .	

## Route No. 3.

FROM BASIM TO PULGAON OR BORGAON.

Length 96 m. 5 f.

10 Marches.

*Authority and date (month and year).*—Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore October 1921.

*Epitome.*—Direction N.E. This road is a fair-weather track; in some places, very stony and rough though fairly passable throughout in dry season.

AUTHORITIES.		No. of stage and total distance.	Route No. 3.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	BASIM.— <i>Vide Main Route No. III,</i> stage No. 1. <i>b., p. o., t. s.</i> KONDALA.—4 m. 4 f. Fair weather road.
		4 m. 4 f.	<i>Camping Ground.</i> —N. and E. of village. <i>Water.</i> —Plentiful. <i>Supplies.</i> —From Basim.
		2	KINHI.—12 m. 3 f. Cross several <i>nala</i> s, un- <i>b.</i> bridged, and a hill.
		16 m. 7 f.	<i>Camping Ground.</i> —W. of village. <i>Water.</i> —From tanks and wells. <i>Supplies.</i> —Obtainable with difficulty from Selu Bazaar on notice.
		3	TARALA.—9 m. 5 f. At about 5 miles pass Selu where road from Akola Mangrul joins. Cross 4 <i>nala</i> s, unbridged.
		26 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 3.
Civil.	Military.		
D. C. OF AMRAOTI, AMRAOTI.	DEPUTY COMMISSIONER OF AKOLA, AKOLA.	4	WAHI.—6 m. 4 f. Cross a nala, unbridged.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULEORE.		33 m.	KARANJA.—3 m. 6 f. <i>Vide Main Route No. b., p. o., t. s. VII,</i> stage No. 12.
		5	VEEDONA.—10 m. Road bad and difficult in the rainy season. Cross 2 nalas, unbridged.
		41 m. 6f. 6	<i>Camping Ground.</i> — <i>Water.</i> —Abundant. <i>Supplies.</i> —From neighbouring villages.
		51 m. 6 f.	MANAGRUL.—11 m. 4 f. Road unmetalled. Cross numerous streams, unbridged. <i>Camping Ground.</i> —High, dry and open. <i>Water.</i> —Good, from river. <i>Supplies.</i> —From neighbouring villages.
		7	DAMAK.—9 m. 7 f. Road unmetalled. Cross Sukli river and several nalas, unbridged.
		63 m. 2 f.	A fair-sized village. Route No. 5 joins here. <i>Camping Ground.</i> —Good to N. <i>Water.</i> —In small quantities from wells; also from Bembra river. <i>Supplies.</i> —From neighbouring villages.
		8	
		73 m. 1 f.	

## Route No. 3.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C. OF WARDHA, WARDHA.	D. C. OF AMRAOTI, AMRAOTI.	9 84 m. 2 f.	TALEGAON.—11 m. 1 f. Road unmetalled. p. c. Cross the Bembla, Kholad and Marigri rivers which are easy to cross in the dry season, and numerous nalas, unbridged. A large village. <i>Camping Ground.</i> —Good, $\frac{1}{2}$ m. to N. beyond nala. <i>Water.</i> —From wells. <i>Supplies.</i> —From neighbouring villages.
COL. COMDT., 21ST I. I. BDE., JUBBULPORE.		10 96 m. 5 f.	PULGAON or BORGAON.—12 m. 3 f. Soil p. o., t.s., r. s. black. The Wardha river is about 220 yds. wide with steep banks and a muddy bed. Cross the Chandra- bagha river and 7 nalas, unbridged. Very small village. <i>Camping Ground.</i> —Good. <i>Water.</i> —Abundant. <i>Supplies.</i> —Abundant if special arrangements are made.

**Route No. 4.**

WUN TO ELLICHPUR.

Length 184 m. 5 f.

16 Marches.

*Authority and date (month and year).*—Under orders of Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore 1913.

*Epitome.*—General direction W. by N. to Darwaa, N. by W. to Murtazapur and thence due N. The road metalled throughout from Wun to Daryapur; thence to Anjangaon a fair weather track from Anjangaon to Ellichpur metalled road. The road is motorable from Wun to Daryapur except in the rains. There are for the most part trees on either sides of the road, but no fences or ditches. As far as Murtazapur camping grounds are usually large enough for a brigade, water is plentiful in the cold weather and generally sufficient in the hot. Fuel is scarce except round Yeotmal and previous notice should be given; both fuel and grass can be obtained from forest officers. The chief crops are jowari and cotton. Jowari is plentiful and there are large number of cattle and goats. The country is flat except round Yeotmal.

From Murtazapur the road is a fair-weather track while water is scarce in the hot weather, the wells being brackish as a rule.

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Mili- tary.		
D. C. OF YEOTMAL.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.		WUN.—The headquarters of Wun taluka, a town of 6,000 inhabitants with a missionary bungalow and large Serai. Market on Sundays.
			<i>Camping Ground.</i> —N. W. of town. <i>Water.</i> —2 good wells on C. G. several in town. <i>Supplies.</i> —A large perennial tank S.-E. of town.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF YEOTMAI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	Route No. 4.
		11 m. 7 f.	<i>Supply.</i> —Rations for Indian regiment for 3 days; a week's notice necessary for larger quantities and also for fuel and forage. On Main Route VI. <i>MAREGAON.</i> —11 m. 7 f. Road metalled, in b. most parts surface very loose. Surrounding country slightly undulating and cultivated. At 2 m. nala with stone bridge; at 6½ m. Nimbora village, water brackish; at 7 m. country more hilly and wooded; at 8½ m. road in very bad repair and unmetalled for 3 m.; at 10 m. small village. <i>Camping Ground.</i> —For one brigade. <i>Water.</i> —One large good well near C. G. 3 in village. <i>Supplies.</i> —Without notice 2 mds. grain, 20 goats and 150 cattle; fuel 160 mds. at a week's notice; grazing fair. One bunnia's shop.
		2	<i>KARINJA.</i> —13 m. Metalled road in fair b. repair, easy up gradient from m. 3 to m. 4, down gradient remainder of stage. Country chiefly hilly, wooded and rocky, little cultivation except at beginning of stage. Several culverts and Irish bridges. <i>Camping Ground.</i> —On high ground (rocky) round b. <i>Water.</i> —2 wells near village, 1½ m. from C. G. <i>Supplies.</i> —2 mds. grain without notice; 40 mds. fire wood; no grass or bhussa, camel grazing only.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
			<b>Route No. 4.</b>
			A short cut by cart track from here to Runjha saves 4 m.
		3	RUNJAH—13 m. 6 f. Metalled road in good b. repair, direction, W. by S. then N.-N.-W.; several Irish bridges. Country undulating, hilly and rocky with little cultivation. At 3 m. small village; at 7 m. Omri from where a private tonga service runs to Yeotmal, (a p. o. and t. s. 6 m. S. along Khelapur metalled road). At 7 m. single telegraph wire joins road from S.; at 12½ m. small village; at 13½ m. steep approaches to both sides of Irish bridge.
		38 m. 5 f.	<i>Camping Ground.</i> —Room for brigade if they camp by units; ground near b., village and river.
			<i>Water.</i> —Two wells near b., water in river perennial.
			<i>Supplies.</i> —Up to 30 mds. grain and rice can be obtained at market (Fridays); 100 goats and 150 cattle. Fuel 50 mds. at a week's notice. Bhoosa from January to June, camel grazing.
		4	JORMOHA.—17 m. 5 f. Metalled road in very b. good repair, hilly, but not very steep gradients. Country for last eight m. very hilly with jungle and forest; ground stony and not much cultivation. At 3½ m. Moda village with 4 wells; at 9½ m. Pardi.
		56 m. 2 f.	<i>Camping Ground.</i> —Poor, for one brigade N. W. of village, requires clearing.

AUTHORITIES.	Mili-tary.	No. of stage and total distance.	
Civil.			<b>Route No. 4.</b>
COL. COMDT. 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water.</i>—6 wells and 1' of water in <i>nala</i> in cold weather; in hot weather one well only.</p> <p><i>Supplies.</i>—At a week's notice 15 mds. grain, 5 mds. rice, 40 mds. firewood, and 20 mds. fodder.</p>
DEPUTY COMMISSIONER OF YEOTMAL.			<p>YEOTMAL.—12 m. 4 f. Metalled road, in bad b., p. o., t. s. repair for 1st 4 m. up gradient nearly all the way. Country stony, hilly and jungle-clad, with cultivation in valleys.</p> <p>At 3 m. Yerad; at 4 m. very kutchha Irish bridge and road in very bad repair; at 6½ m. Talagao. Yeotmal has a population of 10,000; Headquarters of district with hospital and jail.</p> <p><i>Camping Ground.</i>—Space for one division in and a round the town.</p> <p><i>Water.</i>—Abundant throughout the year.</p> <p><i>Supplies.</i>—Any quantity at 3 weeks' notice.</p> <p><i>Transport.</i>—Tongas, camels and donkeys available.</p> <p>Cross Route 8 here.</p> <p>LARKHED.—16 m. 6 f. Metalled road in very good repair; gradual ascent for 4 m., then 4 m. descent through thick forest and jungle, after which open flat cultivated country.</p> <p>At 2½ m. Lohara; at 6½ m. small village; at 10 m. Teusa; at 13½ m. two unbridged <i>nala</i>s.</p> <p><i>Camping Ground.</i>—For one brigade on N. side of road; space requires clearing.</p> <p><i>Water.</i>—Service perennial wells.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 4.
Civil.	Mili-tary.		
DEPUTY COMMISSIONER OF YEOTMAI,	COL. COMDT., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<i>Supplies</i> .—At one week's notice, 240 cattle, 80 goats, 9 mds. grain, 40 mds. fuel; fodder from forest officer.
		7	DARWHA.—10 m. 3 f. Metalled road in good b., p. o., r. s. repair descends gradually 4 m. through open flat country; rises 4 m. and then descends 2 m. into fertile valley. At $3\frac{1}{2}$ m. steep descent through Bori to Aran river (Irish bridge dry season, ferry boat capacity 30 men in rains). At 7 m. small village. Darwha is the Headquarters of the tuluka, and has a mission house. Population 5,000. <i>Camping Ground</i> .—East near bungalows, for a brigade. <i>Water</i> .—From wells, scarce except in rains. <i>Supplies</i> .—On three weeks' notice.
		95 m. 7 f.	
		8	SAVUNGI (RIVER). 13 m. Road partly metalled, in very bad repair. Ascends 5 m. and then descends rest of stage. At $3\frac{1}{2}$ m. Moholi; at 8 m. Chikri; at 9 m. Mancobra; at $11\frac{1}{2}$ m. two sugar-loaf hills; at 13 m. River Aran, unbridged (ferry boat in rains). <i>Camping Ground</i> .—For one brigade along river bank; ground stony and requires clearing. <i>Water</i> .—River (perennial) and 6 wells. <i>Supplies</i> .—For a brigade at one month's notice.
		108 m. 7 f.	

### Route No. 4.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., AKOLA.	DEPUTY COMMISSIONER, YEOTMAL.	9  119 m. 2 f.	KARANJA.—10 m. 3 f. Road metalled, bridged b., p. o., t. s., r. s. and in good order. Ascends $3\frac{1}{2}$ miles from Aran valley; then undulating with an ascent of $\frac{3}{4}$ m. in 6th m. Karanja is surrounded, except on the E. and N.-E., by a stony ridge 100' high with ruined forts. <i>Camping Ground.</i> —For two brigades S. of town and two brigades N.-W. of town high and stony ground. <i>Water.</i> —Two large tanks and 60 wells. Tanks and wells give out in extreme drought such as 1920-21. <i>Supplies.</i> —At a week's notice.
COL. COMDT. <sup>2</sup> , 1ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		10  132 m. 3 f.	UMRI.—13 m. 1 f. Road metalled, bridged and in good order. Surrounding country flat, open, cultivated. There is a small ascent in 5th m. At $8\frac{1}{2}$ m. Kherada (b.). <i>Camping Ground.</i> —On river bank, for one brigade, requires clearing. <i>Water.</i> —12 wells, perennial. The 12 wells give out in extreme drought. Wells dug in the nala yield enough water. <i>Supplies.</i> —At a week's notice.
		11  139 m. 5 f.	MURTAZAPUR.—7 m. 2 f. Metalled road in b., p. o., t. s., r. s. very good condition. Surrounding country flat, open and cultivated.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
<b>Route No. 4.</b>			
DEPUTY COMMISSIONER OF AKOLA, AKOLA.	COL, COMDT., 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
D. C. OF AMRAOTI, AMROTI.			
12		At 4 m. small village, and bridge over nala. Murtazapur is the headquarters of the taluka <i>Camping Ground</i> .—Good, for 2 brigades, E. and S.-E. of town. <i>Water</i> .—Abundant from wells. <i>Supplies</i> .—Large quantities of grain, fuel and cattle ; fodder on notice to Forest Officer.	
	147 m. 5 f.	LAKPURI.—8 m. Cross the Purna river, and some nalas, unbridged. <i>Camping Ground</i> .—Nil. <i>Water</i> .—From Purna river. <i>Supplies</i> .—Obtainable, on notice from Murtazapur.	
13		DARYAPUR.—7 m. A large place. Head- quarters of the Tahsil. <i>Camping Ground</i> .— <i>Water</i> .—From river. <i>Supplies</i> .—Abundant.	
14		KAPUSTALNI.—13 m. Cross the Chandra- bagha river, and some nalas, unbridged. <i>p. o.</i>	
15	167 m. 5 f.	SURWADA.—12 m. A fair-weather track. Cross several nalas, un- bridged. A small village on the banks of the Chandra- bagha.	
	179 m. 5 f.		

## Route No. 4.

AUTHORITIES		No. of stage and total distance.
Civil.	Mili- tary.	
D. C. OF AMRAOTI, AMRAOTI.	COL. CONDT., 21ST L. I. BDE, JUBBULPORE,	16
		184 m. 5 f.

*Camping Ground.*—To the S.  
*Water.*—From river.  
*Supplies.*—

ELLICHPUR.—5 m. *Vide Route No. 2, Stage b., p. o., t. s.* No. 14. Cross the Chandrabagha and Sahun rivers, unbridged. Routes, 2, 4, 5 and 12 meet here.

### Route No. 5.

FROM DHAMOK TO ELLICHPUR.

*Length 62 m. 1 f.*

*6 Marches.*

*Authority and date (month and year).*—Colonel Commandant 21st Indian Infantry Brigade, Jubbulpore December 1921.

*Epitome.*—Direction N.-N.-W. As far as Badnera the road is merely a fair-weather track impracticable for carts in wet weather, whence it is a good road, metalled in parts.

AUTHORITIES.	No. of stage and total distance.	Route No. 5.
Civil.	Mili- tary.	
DEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.		DHAMOK.— <i>Vide Route No. 3, stage No. 8.</i> The road from here to Nandgaon Kazi is <i>via</i> Wagoda and Phaggaon.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	NANDGAON KAZI.—10 m. Cross a river, p. o. unbridged.
	10 m.	<i>Camping Ground.</i> —Good. <i>Water.</i> —Scarce. <i>Supplies.</i> —From neighbouring villages.
	2	BADNERA.—14 m. 3 f. The road from Badnera b., p. o., t. s., r. s. to Ellichpur is metalled and bridged throughout. It is motorable all the year. A fair-sized village. Route No. VII joins here. <i>Camping Ground.</i> —Good. <i>Water.</i> —On camping ground. <i>Supplies.</i> —Procurable.
	24 m. 3 f.	

### Route No. 5.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		2	AMRAOTI.—6 m. <i>Vide Main Noute No. VII,</i> <i>b., p. o., t. s., r. s.</i> stage No. 15.
		30 m. 3 f.	BALGAON.—6 m. 2 f. Road metalled. A fair-sized village.
		4	<i>Camping Ground.</i> —Good.
		36 m. 5 f.	<i>Water.</i> —{ <i>Supplies.</i> —Ample.
		5	ASEGAON.—11 m. 4 f. A small village. <i>b., p. o.</i>
		48 m. 1 f.	<i>Camping Ground.</i> —To S.-W. <i>Water.</i> —Well. <i>Supplies.</i> —A weekly bazaar on Wednesdays.
		6	ELLICHPUR.—14 m. A large city. Headquarters of the district. Road metalled. Cross Parna and Pili rivers, unbridged. Route No. 4 ends here and routes 2, 12 and 13 meet here.

DEPUTY COMMISSIONER OF AMRAOTI, AMRAOT.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE,  
JUBBULPORE.

**Route No. 6.**

FROM UMARKHED TO BASIM.

Length 59 m. 4 f.

6 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpore.

*Epitome.*—General direction N.-W. This is a Public Works Department road, metalled, and fit for motors and wheeled transport throughout. Water and supplies very scarce.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF YEOTMAI, YEOTMAI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<b>Route No. 6.</b>
			UMERKHED.—From Sholapur in VIth b. p.o., t.s. (Poona) Division via Route 64 of IXth (Secunderabad) Division. (See Volume IX of 1912).
		1	PADRI.—12 m. Road in fair condition; coun- try open, black cotton soil. At 5½ m. Kupti, and 8 m. Wanagaon. A small village.
		12 m.	<i>Camping Ground.</i> —Unlimited open space. <i>Water.</i> —Two wells only; water scarce in hot weather. <i>Supplies.</i> —Nil; fuel nil. Supplies can be obtained from Mulao 1½ m. S.-W.
		2	SAORGON.—8 m. 4 f. Road in good repair; b., p. o. country open; black cotton soil. A small village.
		20 m. 4 f.	

### Route No. 6.

AUTHORITIES		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF YEOTMAI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—Unlimited open space; ground stony.</p> <p><i>Water.</i>—One well only, at Amdari 2 m. S. of Soargaon.</p> <p><i>Supplies.</i>—About 50 head of cattle, otherwise nil.</p>
		3	<p>KANDALA.—10 m. 4 f. Road in fair repair. <i>b.</i> Country open, black cotton soil. 3 nalas, unbridged.</p> <p>A small village. Bungalow (Public Works Department) 1 m. W. of village.</p> <p><i>Camping Ground.</i>—Unlimited open space.</p> <p><i>Water.</i>—2 wells only, enough for local use in hot weather.</p> <p><i>Supplies.</i>—About 50 head of cattle. Fuel, unlimited from forest. Fodder obtainable from Pusa.</p>
		31 m.	
		4	<p>MARWARI.—8 m. 4 f. Road in good repair. <i>b.</i> Cross 4 large nalas, 2 bridged and 2 with road dams. A small village.</p> <p><i>Camping Ground.</i>—Unlimited open space.</p> <p><i>Water.</i>—Two wells in village, and one small tank; limited in hot weather.</p> <p><i>Supplies.</i>—About 70 head of cattle; unlimited fuel; fodder for local use only.</p> <p>About 2 m. from Marvadi there are two villages Rohode and Belur from which supplies can be obtained.</p>
		39 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, YEOTMAL, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	5	PIMPALGAON.—9 m. Road in good repair. <i>b., p.o.</i> Country open; soil black cotton. <i>Camping Ground.</i> —Unlimited. <i>Water.</i> —10 wells. <i>Supplies.</i> —Nil. Notice must be given.
		48 m. 4 f.	
		6	BASIM.—11 m. Road in good repair. Coun- <i>b., p. o., t. s.</i> try open, soil black cotton. Road undu- lating gradually. <i>Camping Ground.</i> —About 48 acres N. of town ; also to S.-W. <i>Water.</i> —About 300 wells altogether. <i>Supplies.</i> —On notice. On route III (stage 1) and route VII (stage 8). To Mhow 23 marches, and Nagpur 17 marches..
		59 m. 4 f.	

## Route No. 6.

### Route No. 7.

FROM NANDGAON PETH TO SENDURJANA.

*Length 49 m. 2 f.*

*4 Marches.*

*Authority and date (month and year).—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpur, February 1922.*

*Epitome.—Direction N.-E. This road is metalled and bridged.*

AUTHORITIES.		No. of stage and total distance.	Route No. 7.
Civil.	Mili- tary.		
DDEPUTY COMMISSIONER OF AMRAOTI, AMRAOTI.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		NANDGAON PETH.— <i>Vide</i> main Route No. b., p. o. VII, stage 16.
		14 m.	SAWARKHED.—14 m. Road metalled. Soil black.  Small village. <i>Camping Ground.</i> —Good and shady. <i>Water.</i> —Plentiful from well. <i>Supplies.</i> —Ample from surrounding villages.
		2	MORSI.—11 m. 4 f. <i>Vide</i> Route No. 2, stage b., p. o., t. s. 17.
		25 m. 4 f.	
		3	BENODA.—14 m. 2 f. Road metalled. Cross 1 river and 2 streams, unbridged.  Fair-sized village. <i>Camp ng Ground.</i> —Good. <i>Water.</i> —Ample and good from wells. <i>Supplies.</i> —Obtainable from surrounding villages.
		39 m. 6 f.	

AUTHORITIES,		No. of stage and total distance.
Civil.	Mili- tary.	
D. C. OF AMRAOTI, AMRAOTI.	COL. COMDT., 21ST I. I.	4
JUBBULPORE.		49 m. 2.f.

SENDURJANA.—9 m. 4 f. Road metalled.  
*P. o.* Cross 5 nala and 2 streams, unbridged.  
 Very large village.  
*Camp ng Ground.*—Good.  
*Weter.*—Plentiful from wells.  
*Supplies.*—Weekly bazar.  
 To Multai on route 29, 20 m. by made road.

## Route No. 7.

**Route No. 8.**

FROM DHAMANGAON TO KELAPUR.

*Length 69 m. 7 f.**5 Marches.*

*Authority and date (month and year).*—Colonel Commandant 21st Indian Infantry Brigade Jubbulpur, February 1922.

*Epitome.*—General direction, S. to Yeotmal then S.-E. Road metalled throughout, in bad repair in last 2 stages; nala passable except for a few hours after heavy rain. Country hilly, with patches of dense forest. Supplies and water obtainable throughout.

AUTHORITIES.		No. of stage and total distance.	Route No. 8.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	1	<p>DHAMANGAON.—On the Bhusawal-Nagpur branch of the Great Indian Peninsula Railway, 80 m. from Nagpur.</p> <p><i>Camping Ground.</i>—For one brigade.</p> <p><i>Water.</i>—Ample, 3 or 4 wells, one with trough.</p> <p><i>Supplies.</i>—For a brigade for 2 days.</p>
		12 m. 7 f.	<p>PALOTI.—12 m. 7 f. Country open and cultivated; road metalled and bridged. At 4 m. Assagaon, at 7 m. 6 f. Deogan.</p> <p><i>Camping Ground.</i>—For infantry brigade near bungalow.</p> <p><i>Water.</i>—One well; also good from Dhelma river (<math>\frac{1}{2}</math> m. further on).</p> <p><i>Supplies.</i>—Nil; on notice only.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 8.
Civil.	Mili-tary		
DEPUTY COMMISSIONER, YEOTMAL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>YEOTMAL.—15 m. Country open for 10 m. b., p. o., t. s. then hilly and jungly. Road metalled, Dhelma river unbridged 300 yds. to 400 yds. broad, water 2' to 4' deep. Pass Nandura 1½ m., Untaga on 5 m., Chimbaghpur 7 m. Kurdgaon 9 m. and Maura 13 m. (good well).</p> <p><i>Camping Ground.</i>—For infantry brigade.</p> <p><i>Water.</i>—Well for drinking, large tank for animals.</p> <p><i>Supplies.</i>—For a division for 2 days.</p> <p>Route No. 4 joins here.</p>
		2 27 m. 7 f.	
		3 40 m. 7 f.	<p>JORMOHA.—13 m. Country cultivated un-, b., p. o. undulating, plateau with a few small tills; cultivation chiefly cotton. Road metalled and bridged.</p> <p>At 3 m. Parwa; at 5½ m. Tulegaon; at 7 m. Khangaon; at 9½ m. Yerad.</p> <p><i>Camping Ground.</i>—For infantry brigade on N.-E. of road.</p> <p><i>Water.</i>—Two good wells in village, water for animals from nala up to December or January.</p> <p><i>Supplies.</i>—On notice. Grazing for camels and cattle.</p>
		4 57 m. 3 f.	<p>RUNJAH.—16 m. 4 f. Country hilly, jungle, b., p. o. dense for first 6 m. then thinner. Road in bad repair, nalas chiefly crossed by cause-</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 8.
DEPUTY COMMISSIONER, YEOTMAL	COLONEL COMMANDANT, 21ST L. I. BDE, JUBBULPORE.	5 69 m. 7 f.	<p>ways. At <math>6\frac{1}{2}</math> m. Pardi; at 11 m. Kanara; at 14 m. Pipla Siadia <math>\frac{1}{2}</math> m. S.-W. <i>Camping Ground</i>.—S.-W. of road 220 yds. short of village.</p> <p><i>Water</i>.—Good and ample from Kuni river and several wells in village.</p> <p><i>Supplies</i>.—As in last stage, but grazing further away.</p> <p>Route No. 4 leaves here.</p> <p>PANDHAKEORA. 12 m. 4 f. This is 2 b., p. o., s. m. short of Kelapur, which is only a small village, but gives its name to the district.</p> <p>Country undulating and jungly, hilly in places. Road in bad repair from 6 m. 4 f. onwards, nala chiefly crossed by causeways.</p> <p>At 2 m. Patri; at <math>4\frac{1}{2}</math> m. Saikar; at <math>6\frac{1}{2}</math> m. Umbri; at 8 m. Tanda: at 9 m. Kanghara and 10 m. Pipari.</p> <p>At Umbri road to Wun branches off to E. <i>Camping Ground</i>.—For Infantry brigade.</p> <p><i>Water</i>.—Two good wells in bungalow compound.</p> <p><i>Supplies</i>.—Ample if due notice is given, otherwise one brigade for two days.</p>

## Route No. 9.

FROM JUBBULPORE to BIRISINGHPUR (PALI).

Length 11 $\frac{1}{4}$  m. 5 f.

8 Marches.

*Authority and date (month and year).*—Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpur, December 1921.

*Epitome.*—General direction E. to Shahpura, thence S.-E. to Shahpur, thence N. to Birsinghpur. Road metalled and motorable all seasons as far as Kundum; unmetalled but motorable in dry weather from Kundum to Shahpura and Birsinghpur. Suitable for all arms in dry weather. All nalas are crossed by Irish bridges. The Johilla river 2 $\frac{1}{2}$  m. from Birsinghpur would be impassable after heavy rains. The road runs through black cotton country, which becomes hilly and jungly as Birsinghpur is approached.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, JUBBULPORE.			<b>Route No. 9.</b>
COL. COMDE, 21ST I. BDE, JUBBULPORE.			<p>JUBBULPORE.—On main routes VI and XII. <i>b., p. o., t. s., r. s.</i></p> <p>PADARIA.—15 m. 2 f. Road metalled and bridged.</p> <p>At 4 m. tank <math>\frac{1}{4}</math> m. N., at 5 m. Gokalpur, at 7 m. large tank N. of road, at 14 m. Bijapuri.</p> <p><i>Camping Ground.</i>—Unlimited.</p> <p>Water.—One good well (perennial), one small tank (dry in hot weather).</p> <p><i>Supplies.</i>—On notice.</p> <p>No fuel or fodder stacked, but plenty available close by; also camel grazing; 20 head of cattle.</p>

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	2
		28 m. 4 f.
		3
		41 m. 5 f.
		4
		54 m. 1 f.

## Route No. 9.

KUNDAM.—13 m. 2 f. Road metalled and b.

undulating; country alternate stretches of jungle and cultivation. At 9 m. 4 f. Baragi to right.

At 12 m. 6 f. Sagdopal 1 m. to left.

*Camping Ground.*—On right of road, unlimited space.

*Water.*—Large tank right of road; also 3 good wells.

*Supplies.*—On notice. Camel grazing available 700 head of cattle.

SALWARA.—13 m. 1 f. Road bad and would b. be very difficult in rain; Irish bridges in bad repair. At 3 m. 4 f. small villages on either side of road. At 6 m. descent to Mahanudee, with difficult ascent to the far side.

*Camping Ground.*—Ample space available.

*Water.*—2 wells near Public Works Department bungalow, 2 wells at Salwa, 1 m. left of road.

*Supplies.*—On notice. Small supply of grass available in cold weather. Camel grazing.

SHAHPUR.—12 m. 4 f. Road in poor condition and hilly. Country very hilly and intersected with deep nala.

At 1 m. 3 f. the road enters thick jungle; at m. 7 a village on right of road; at 9 m. 6 f. a steep gradient (1 in 20) for 3 f.

**Route No. 9.**

AUTHORITIES.		No. of stage and total distance.	Route No. 9.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, MANDIA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
			<i>Camping Ground.</i> —Unlimited (stony) available.
			<i>Water.</i> —4 good wells ; also a medium-sized tank $\frac{1}{4}$ m. N.-E. of C. G.
			<i>Supplies.</i> —On notice. Camel grazing available, several hundred head of cattle.
			MARKET ON MONDAYS.
		5	DONGURIA.—12 m. 7 f. Road better than b. before but very hilly.
		67 m.	Country dense jungle, relieved by open patches of cultivation. At 2 m. 7 f. Karondi, to right. At 3 m. 3 f. Baragaon village and Salgi nala. At 11 m. 7 f. small tank dry in hot weather.
			<i>Camping Ground.</i> —Many acres of stony ground available.
			<i>Water.</i> —One good but small well near Public Works Department bungalow.
			<i>Supplies.</i> —On notice. Unlimited grass in surrounding country in cold weather ; also camel grazing.
		6	SHAHPUR.—13 m. 7 f. Road as above. All b., p. o. nalas small except the Kanai 9 m. 6 f., 60 yds. broad.
		80 m. 7 f.	<i>Camping Ground.</i> —1½ acres in mango tops, but plenty of other ground available.
			<i>Water.</i> —One well on camping ground, one near Public Works Department bungalow ; a tank (medium size) near bungalow.
			<i>Supplies.</i> —On notice.

### Route No. 9.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
D. C. MANDLA.	GOLONEL COMMANDANT, 21ST I. I. BDE, JUBBULPORE.	7
POLITICAL AGENT, REWAH.		98 m. 4 f.
		8
		114 m. 5 f.

BHATONDA.—17 m. 5 f. Road hilly and trying for wheeled transport.  
At 4 m. 2 f. Chatia ; at 9 m. 2 f. Ajhuar village on right of road in jungle.  
*Camping Ground.*—Unlimited space available.  
*Water.*—Two good wells.  
*Supplies.*—On notice. Unlimited grass in cold weather. Camel grazing about 150 head of cattle.  
**MARKET ON TUESDAYS.**

BIRSINGPUR OR PALI.—16 m. 1 f. Road b., p. o., t. s., r. s. much better than before. Descent from 1 m. 2 f. to 7 m. 2 f. through dense jungle ; at 7 m. 6 f. a nala 30 yds. broad with a village near by ; at 10 m. 4 f. the Nagothal nala, 80 yds. broad ; at 13 m. 5 f. the Johilla river impassable in flood.  
*Camping Ground.*—16 acres, E. of Public Works Department bungalow.  
*Water.*—6 wells in village ; one large tank and two small near C. G.  
*Supplies.*—On notice.  
**MARKET ON FRIDAYS.**

### Route No. 10.

FROM DAMOH TO REWAH *via* GONOOR AND NAGODE.

*Length 146 m. 2 f.*

*13 Marches.*

*Authority and date (month and year).*—Colonel Commandant,  
21st Indian Infantry Brigade, Jubbulpur, January  
1922.

General direction E.-N.-E.

*Epitome.*—Road from Damoh to Bintee (26 miles) 15' wide, metalled and bridged, fit for motors and wheeled transport ; thence to Puraina (25 miles) unmetalled ; passable for all arms. Puraina to 3 m. N.-W. of Nagode (27 miles) is a fair-weather cart track, intersected with *nalas* and practically impassable for wheeled traffic in the rains ; thence to Rewah and 18' wide metalled and bridged road.

The country as far as Gonoor is flat ; thence to Rewah undulating. The Biarma river in stage 5 and the Cane in stage 6 have to be forded ; in the rains they are crossed by ferry boats, but the boat on the Biarma is incapable of taking carts.

Camping ground and water are ample for a brigade and supplies for a brigade can be collected on notice being given, usually a month being required.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
L. C. DAMOH.	COL. COMDT. 21ST I. BDE., JUBBULPUR	

### Route No. 10.

DAMOH.—Headquarters of a civil district  
*b., p. o., t. s., r. s.* on the Bina Katni  
branch of the Great Indian Peninsula Railway.

*Camping Ground.*—W. of city N. of Saugor road.

*Water.*—On well on camping ground several others in vicinity.

**Route No. 10.**

AUTHORITIES.		No. of stage and total distance.	Route No. 10.
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<i>Supplies.</i> —1,000 mds. cut firewood; 6,000 mds. grass; 12 mds. atta; 200 mds. grain; for animals 25 goats and 20 sheep. Route VI and XI cross and route 85 starts here.
		1	BANGAON.—13 m. At 6 m. old road to Hatta branches to left and runs parallel to present road and about 1 m. W. It is an unmetalled bridged road and not used now. At 9 m. Pala. Country is open and cultivated.
		13 m.	<i>Camping Ground.</i> —On old road to Hatta, 800 yds. N. of Bangaon; also at 13 m. on new road. <i>Water.</i> —One well at 13 m.; tank at 13 m. 1 f.; well on old road 500 yds. N. of Bangaon, and the Kopra river 1,400 yds. W. of road. <i>Supplies.</i> —A month's notice required.
		2	HATTA.—10 m. At 5 m. Loo Haree, at 9 m. b., p. o., t. s. 6 f. cross nala by stone bridge. Population about 3,000. <i>Camping Ground.</i> —500 yds. E. of road at 23 M. S. (from Damoh). <i>Water.</i> —A well on camping ground and a tank, dry in hot weather. The Sumar river (unfordable banks steep) runs W. of Sumar; one ferry boat, capacity 10 men. <i>Supplies.</i> —About 2 dozen goats, grass for $\frac{1}{2}$ squadron, atta and rice for a double company, and country vegetables available. A fortnight's notice required for a brigade.
DEPUTY COMMISSIONER, DAMOH.		23 m.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, DAMOH.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	3	HINOTA.—10 m. 5 f. Road unmetalled after Bintee (3 m.). At 5 m. 5 f. Hurdooa ; at 7 m. Ghooturia ; tanks at 3, 6, and 8 m ; country undulating and covered with low scrub jungle. <i>Camping Ground.</i> —S. of road at 10 m. 5 f. <i>Water.</i> —Several wells in village, 300 yds. N.-E. of camping ground. Two wells 500 yds. W. of camping ground ; <i>Supplies.</i> —Rations for one company but no cut fuel. A month's notice for a brigade.
		4	GYSABAD.—6 m. 7 f. At 1 m. 2 wells ; at 2 m. 6 f. Bunhowrur ; at 6 m. 1 f. Gysabad village. Country undulating and covered with low scrub. <i>Camping Ground.</i> —On both sides of road. <i>Water.</i> —From Biarma river, 200 yds. E. of camping ground. <i>Supplies.</i> —20 mds. fuel, 2 mds. atta and 20 mds. grain available. A fortnight's notice required for a brigade.
		5	TIGRA.—9 m. 2 f. At 3 f. cross Biarma river by ford, precipitous banks 30' to 40' high, stony bottom 200 yds. broad ; in rains one ferry boat takes 15 men or 25 mds. but not carts. Other fords are 1 m. N. at Karaia, one $\frac{1}{4}$ m. S. and $1\frac{1}{2}$ m. S. at Amghat, river otherwise unfordable. At 5 m. Semaria (p. o.) with supplies for one battalion ; at 7 m. 2 f. Tikla and tank.

## Route No. 10.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BDE., JHANSI.	6	Country low scrub jungle, cultivated near villages. <i>Camping Ground.</i> —N. of road on bank of Cane river. <i>Water.</i> —From Cane river. <i>Supplies.</i> —Fodder for 50 horses, otherwise <i>nil</i> . A month's notice required for a brigade.
		64 m. 6 f.	MAHEWA.—15 m. Road crosses Cane river by a ford stony bottom, 150 yds. wide, banks 30' high and precipitous, in rains ferry boat take 51 men or 75 mds. or one cart (empty) a ford 3 m. E. at Mahor has a similar ferry boats plying in the rains, there are several other fords, suitable for a cavalry and infantry. At 2 m. pass Puraina, between which and Bamoori, 6 m. 5 f. the road is a mere cart-track in bad condition. At 10 m Tai. Country flat and covered with low jungle, cultivated near villages. At Mahewa is an old fort used as a police station. <i>Camping Ground.</i> —N.-E. of large tank, N. of road not demarcated. <i>Water.</i> —From tanks and 2 wells on camping ground. <i>Supplies.</i> —Rations only for one company. One month's notice required for a brigade.
		7	GONOOR.—9 m. Country open, waste land, cultivated near villages. Road commanded by low hills to S.-W.
		73 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, NOWGONG.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<b>Route No. 10.</b>
			At $3\frac{1}{2}$ m. Hinouti ; at $5\frac{1}{2}$ m. Jhumta. <i>Camping Ground.</i> —N.-E. of village not demarcated. <i>Water.</i> —2 tanks N. and S. of camping ground. 2 wells S.-W. and one 400 yds. N.-E. of camping ground. <i>Supplies.</i> —Fodder for 5 horses and rations for a company. One month's notice for a brigade.
		8	GIRWARO.—15 m. Low hills commanding road at 1 m. and 4 m. At 6 m. Lohar Gaon. From here road is stony and sandy crossing a succession of low hills about 1,500 yds. apart. Tanks at $7\frac{1}{2}$ m. and 10 m. Country low scrub and waste land, cultivated near villages. <i>Camping Ground.</i> —In mango tope, 100 yds. S. of village, not demarcated. <i>Water.</i> —Two wells on camping ground and tank S. of camping ground. <i>Supplies.</i> —Nil, a month's notice required.
		9	NAGODE.—12 m. At $4\frac{1}{2}$ m. Simri, at $6\frac{1}{2}$ m. b., p. o., t. s. Marhee ; at $9\frac{1}{2}$ m. join Nowgong-Sutna main road. Nagode is the capital of Nagode state.
		100 m. 6 f.	

A UTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 10.
POLITICAL AGENT, SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
		10	<i>Camping Ground.</i> —N. of road in mango tope, not demarcated. <i>Water.</i> —2 wells on camping ground. <i>Supplies.</i> —30 mds. cut firewood, 200 mds. grass, 10 mds. atta, 25 mds. grain, about 30 goats.
		115 m. 2 f.	SUTNA.—14 m. 6 f. Road crosses 5 nala or b., p. o., t. s., r. s. rivers by masonry bridges. At the Sutna river $5\frac{1}{2}$ m. from Sutna there is a stone causeway 100 yds. above the bridge, not now used but in good condition. A small civil station on the East Indian Railway with detachments of Indian Cavalry and Infantry from Jubbulpur, and of the Maharajah of Rewah's cavalry. <i>Camping Ground.</i> —1 m. short of Sutna N. of road. <i>Water.</i> —Well on camping ground and another in police lines, 200 yds. N.E. of camping ground. <i>Supplies.</i> —20 mds. firewood, 100 mds. grass, 40 mds. atta, 40 mds. grain, about 40 goats. Gazing in vicinity.
		11	MATHOGARH.—5 m. 5 f. At $1\frac{1}{2}$ m. ridge p. o. commanding road on both sides. At 5 m. 2 f. Tons river, 100 yds. wide, crossed by a stone causeway; in rains 2 ferry boats, capacity 10 men or 1 cart; old fort on right bank. <i>Camping Ground.</i> —200 yds. S. of road in mango tope.
		120 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 10.
POLITICAL AGENT, SUTNA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Water.</i>—One well on camping ground, two 200 yds. N.; also Tons river 400 yds. W.</p> <p><i>Supplies.</i>—20 mds. firewood, 10 mds. grass rations for a double-company.</p>
		12	RAMPUR.—10 m. 5 f. At 4 m. 1 f. Durjunnab., p. o. where a 7 span masonry bridge, commanded by old fort in village, crosses nala. At 10 m. Rampur bungalow. At 10 m. 2 f. Noar nala with 5 spans masonry bridge.
		131 m. 4 f.	<p><i>Camping Ground.</i>—N. of road at 10 m. 5 f. also a mango tope E. of bungalow, space for 2 battalions.</p> <p><i>Water.</i>—Well 400 yds. W. of camping ground also in bungalow compound and from Noar.</p> <p><i>Supplies.</i>—25 mds. firewood and rations for double-company, otherwise notice required.</p>
		13	REWAH.—14 m. 6 f. At $2\frac{1}{2}$ m. tank, at $6\frac{1}{2}$ m. b., p. o., t. s. metalled road from Meyhere joins; at $7\frac{1}{2}$ m. Bela; at 8 m. metalled road to Govindgarh; at 11 m. Chorhatter; at 15 m. crosses Pogur river by a stone causeway 18' by 3' above river bed, in rains by 3 boats, capacity 50 men and 3 smaller ones capacity 25 men; a similar crossing S. of Rewah on Rewah-Govindgarh road. River is 10 yds. wide, muddy bottom but fordable in most places.
		146 m. 2 f.	Country open and partly cultivated. Capital of Rewah State.

**Route No. 10.**

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A., SUTNA.	COL. COMDT., 21ST I. I., BDE., JUBBULPORE.	<i>Camping Ground.</i> —At 14 m. 6 f. N. of road. <i>Water.</i> —One well 100 yds. W. of camping ground, one S. of camping ground near road also Gogur river 200 yds. E. <i>Supplies.</i> —40 mds. firewood, 150 mds. bhusa and grass, 25 mds. atta, 30 mds. grain, 55 sheep and goats, vegetables in cold weather, 15 day's notice required.

### Route No. 11.

FROM ELLICHPUR TO BETUL (BADNUR) *via* GUDGAON

Length 60 m. 7 f.

7 Marches.

*Authority and date (month and year).*—Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, January 1922.

*Epitome.*—General Direction N.-E. Karasgaon is 3 miles off the road to the South. The road is metalled and partially bridged and passable except in heavy rain.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 11.
DEPUTY COMMISSIONER, BETUL.	COLONEL COMMANDANT, 21ST I. I. BDE., JUBBULPORE.	1	ELLICHPUR.— <i>Vide</i> Route No. 2, stage 14, b., p. o., t. s. Routes 2, 4 and 5 meet here.
		7 m.	KARASGAON.—7 m. Country open and p.-o. level. Cross Maiga river and few nalas unbridged. Road bad, soil black. A large village with small stone fort.
		2	<i>Camping Ground.</i> —Good and extensive. <i>Water.</i> —From nala. <i>Supplies.</i> —Abundant.
		16 m. 4 f.	CHIKLANA.—9 m. 4 f. Road bad, soil stony. <i>Camping Ground.</i> —Good and sufficient. <i>Water.</i> —Good, from river. <i>Supplies.</i> —Nil.
		3	SAWAL MENDA.—7 m. Cross Purna river and a nala (unbridged). Country hilly, jungly and stony. Road stony.
		23 m. 4 f.	

## Route No. 11.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
DEPUTY COMMISSIONER, BETUL.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	
		A small village. <i>Camping Ground.</i> —Indifferent. <i>Water.</i> —From river. <i>Supplies.</i> —Nil.
	4	GUDGAON.—7 m. 3 f. Cross a few nala <sup>s</sup> un- bridged. Road rough and stony.
	30 m. 7 f.	A small village. <i>Water.</i> —From a well. <i>Supplies.</i> —Procurable.
	5	JHALAR.—10 m. Cross a few nala <sup>s</sup> , un- p. o. bridged. Road rough and stony.
	40 m. 7 f.	A moderate-sized village. <i>Water.</i> —From a well. <i>Supplies</i> —Procurable.
	6	TAPTI RIVER.—9 m. Cross some nala <sup>s</sup> and Tapti river. Murram road; country hilly and jungly. <i>Camping Ground.</i> —Good but confined. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Must be collected.
	49 m. 7 f.	BETUL (BADNUR).—11 m. Cross Machna h, p. o., t. s., r. s. river and nala <sup>s</sup> (un- bridged). Murram road; soil stony. A civil station. <i>Water</i> — <i>Supplies.</i> —} Abundant. On routes 29 and 37.
	7	
	70 m. 6 f.	

**Route No. 12.**

FROM BURHANPUR TO ELLICHPUR.

*Length 106 m.**8 Marches.*

*Authority and date (month and date).*—Under orders of Colonel Commandant, 21st Indian Infantry Brigade, Jubbulpore, December 1921.

*Epitome.*—Metalled from Burhanpur to Dharini. Moorumed from Dharini to Sembadowl. Section from Sembadowl to Ellichpur is being metalled and should be finished 1922. The Moorum section is bad but passable for motors in the open season.

AUTHORITIES.		No. of stage and total distance.	Route No. 12.
Civil.	Mili- tary.		
D. C. NIMAR AT KHANDWA.	G. O. C. C. P. DISTRICT.		BURHANPUR.— <i>b., p. o., t. s., r. s.</i> (2 m. distant.)
		1	SIRPUR.—11 m. <i>b.</i>
		11 m. 2	KAKNUR.—13 m. 2 f. <i>b., p. o.</i>
		24 m. 2 f.	DHERTALAL.—16 m. 4 f. Road metalled. <i>p. o.</i> Country undulating and generally cultivat- ed. Irish bridges at all nala- m. 12.
		3	At 3½ m. Tembi; at 4 m. Kanapug; at 5 m. Manjrod; at 10½ m. Raitalai ( <i>b.</i> ) where water is scarce.
		40 m. 6 f.	See Route III, stag 13 to 15.

**Route No. 12.**

AUTHORITIES.	No. of stage and total distance.	Route No. 12.
Civil.	Mili- tary.	
D. C., NIMAR AT KHANDWA.		<i>Camping Ground.</i> —Open space (stony). East of village on either side of road. <i>Water.</i> —2 wells one in village, one on roadside S. of village. <i>Supplies.</i> —For 200 men. Notice required for larger quantities and for grass and firewood. Bazar Sundays.
G. O. C., C. P. DISTRICT.	4	DHARNL.—10 m. 2 f. Country undulating b., p. o. generally cultivated, crops cotton, jowari and some wheat. Road very bad indeed for about 7 m., then good. Irish bridges at all nalas. At $1\frac{1}{2}$ m. dak bungalows; at 4 m. Gargu river; at 5 m. Kalamkar; at 7 m. Kasamkot. Dharni is a village of 1,100 inhabitants with veterinary hospital and dispensary.
COL. COMDT., 21ST I. I. BDE, JUBBULPORE.	51 m.	<i>Camping Ground.</i> —Around b., for 2 regiments. <i>Water.</i> —About a dozen wells (perennial). <i>Supplies.</i> —Supplies on hand for 200 men; 3 weeks' notice for larger quantities; grass and firewood plentiful. Bazar on Fridays.
	5	HARISAL.—15 m. Road metalled. At end b. of stage cross Sipna river, impassable for 2 or 3 days after heavy rains. <i>Camping Ground.</i> — <i>Water.</i> —From Sipna river. <i>Supplies.</i> —
	66 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 12.
Civil.	Mili- tary.		
D. C. OF AMRAOTI.	COL. COMDT., 21ST I. I. BDE., JUBBULPORE.	6	SEMBADOWL.—15 m. Road metalled ; rather hilly. At 7 m. Botia, on the Sipna river.
		81 m.	<i>Camping Ground.</i> — <i>Water.</i> —Sipna river. <i>Supplies.</i> —
		7	BELA.—13 m. Road metalled and hilly.
		94 m.	<i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> —
		8	ELLICHPUR.—12 m. A large city. Headquarters of the district. Routes 2, 4, 5 and 12 meet here.
		106 m.	

## Route No. 13.

FROM NAIAGAON TO SINGOJI via NEEMUCH.

Length 55 m.

5 Marches.

*Authority and date (month and year).*—Connects with Sind-Rajputana District, Route 32).

AUTHORITIES		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	1  7 m. 7 f.	<p><b>Route No. 13.</b></p> <p><b>NIAGAON.</b>— (Khensapura, r. s.)</p> <p>About 300 houses, and a small dharamsala (not now used).  <i>Camping Ground.</i>—210 yds. S. of village.  <i>Water.</i>—9 wells, 40 ft. deep.  <i>Supplies.</i>—Very scarce, 5 shops; transport available.</p> <p><b>NEEMUCH.</b>—7 m. 7 f. At 2 m. 2 f. a chauki b., p. o., t. s., r. s. on the right and Kandkan on the left, at 3 m. 4 f. Sagrana; at 4 m. <math>\frac{3}{4}</math> f. a well; at 5 m. <math>1\frac{1}{2}</math> f. Dunglauda; at 6 m. <math>3\frac{3}{4}</math> f. a chauki and temple where the road to the town of Neemuch branches off to left; at 6 m. <math>4\frac{1}{2}</math> f. Kanauti.  <i>Camping Ground.</i>—N.E. of Church of England.  <i>Water.</i>—  <i>Supplies.</i>— } Plentiful.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 13.
Civil.	Mili-tary.		
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
			By route III to Mhow (16 marches). By route 34 to Goona (16 marches).
		2 22 m. 1 f.	MORWAN.—14 m. 2 f. At 2 m. 1 f. cross the cantonment boundary near Neemuch city ; at 4 m. 6 f. pass Malkhera ; at 7 m. 2 f. Newar ; at 9 m. Napanio ; at 10 m. Semli, 10 wells ; at 12 m. 2 f. Sarwanis. Cross several nalas in this stage. Road unmetalled. Moderate-sized village situated on the right bank of Gumeri nala. <i>Camping Ground.</i> —Rough and to the N.-E. <i>Water.</i> — } Abundant. <i>Supplies.</i> — } Abundant.
		3 32 m. 2 f.	DEKAM.—10 m. 1 f. At 1 m. cross the Gumeri river ; low banks, bed rocky ; at 3 m. 5 f. Daroli ; at 9 m. 2 f. Barampura ; very little cultivation and patches of jungle ; road unmetalled and bad after Gumeri river ; a large village. <i>Camping Ground.</i> —N.-E. and near tank. <i>Water.</i> — } Abundant. <i>Supplies.</i> — } Abundant.
		4 39 m. 2 f.	RATANGARH.—7 m. At 6 m. 3 f. a road to p. o. right over Gunjali river, by bridge partially broken down ; at 6 m. 7 f. cross the Gunjali river by ford, at the foot of Ratangarh ; country open. Rough and stony cart-track.

## Route No. 13.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES ISTRICKT.	
		A large village with a hill fort in ruins, situated on the Gunjali river. <i>Camping Ground.</i> —S.-W. or on the N. at the top of hill. <i>Water.</i> — <i>Supplies.</i> — {Abundant.
		5
		55 m.
		SINGOLI.—16 m. The road passes over b., p.o. a ghat of easy gradient about $\frac{1}{2}$ m. long On the summit is the hill fort of Ratangarh, now in ruins ; at 1 m. road to Begum branches off to left ; pass Umar, Umedpura, Kh'ra, Patan, Talai, and Balicha, small villages on route : at 15 m. 4 f. cross the Bamni river 95 yds. wide, bed stony, fordable except in rains ; at 15 m. 5 f. road to Begum branches off to left. Cross several nala's in this stage ; country undulating and jingly. Rough stony cart-track. Here a road branches off to E. to Kotah, 45 m. A small walled town situated on the Bamni river. <i>Camping Ground.</i> —W. near bungalow, or N.-E. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.

**Route No. 14.**

FROM DOHAD TO RUTLAM.

*Length 79 m. 5 f.**8 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction E.-N.-E. Indifferent and sandy cart road for about 26 m. ; then good road, made or metalled, as far as Dohad. After Dohad the road is bad, though passable throughout by wheeled traffic ; impassable for motors. Supplies (on notice) and water obtainable throughout ; forage obtainable everywhere.

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Mili- tary.		
COLLECTOR, PANCH MAHALS, AT GODHRA.			DOHAD.—
			Route XII branches off at Dohad (to Mhow 11 marches). Connects with Sind Rajputana District Route 30 to Baroda.
		1	RACHRA.—11 m. 6 f. First 6 m. broad, firm r. s. (ANAS). and level, then very heavy ruts. At 2 m. 5 f. from Dohad cross Khan river, bed rocky ford rough and heavy ; pass Mundnan, Dhamria' Disi-ki-Bordi, Naik-ki-Bordi, and Telichia ; at 8 m. 5 f. Kali river. Country jungly, with cultivation near villages. Three small hamlets.
		11 m. 6 f.	<i>Camping Ground.</i> —Two, both demarcated, total area 27 acres, all cultivated land.
G. O. C., CENTRAL PROVINCES DISTRICT.			

**Route No. 14.**

AUTHORITIES.		No. of stage and total distance.	Route No. 14.
Civil.	Mili- tary.		
P. A., SOUTHERN STATES, AT MANPUR.	COLLECTOR, PANCH MAHALS, AT GODHRA.		
GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.			
2		Water.—Tank, with water for 10 months, 2 pucca wells, one in railway limits. Supplies.—Nil. Fodder.—Obtainable.	AGRAL.—12 m. 7 f. At 3 m. Khol; at 4 m. 2 f. Avas river; banks steep, descent easy; road runs for 800 yds. in bed, thence up right bank by deep cutting. At 4 m. 7 f. Dadyo and at 9 m. 4 f. Indargarh. Country as before becomes open at Agral. Road heavy and rugged with deep ruts, better after crossing river. A small village. Camping Ground.—S.-W. near tank, 3 bighas, not demarcated. Water.—Plentiful and good from one well. Supplies.—Scanty. Forage.—Plentiful.
3		24 m. 5 f.	SEOGARH.—5 m. At 2 m. 2 f. Umarde; at 3 m. 1 f. cross railway line. At 4 m. 4 f. cross Bamti river; country open and cultivated. Tolerable cart-road; first 5 m. rocky and intersected by nala, heavy, and narrow in parts. A small village, with fort. Camping Ground.—On plain 150 yds. N.-E. Water.—Large wells and pools in Bamti river. Supplies.—Few shops. Forage.—Plentiful.
29 m. 5 f.			

POLITICAL AGENT, SOUTHERN STATE, MANPUR.

## GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		4	PITLAWAD.—12 m. 7 f. At 2 m. 4 f. cross Bamtı river ; at 3 m. 6 f. cross railway line ; at 4 m. 4 f. Bawri ; at 6 m. commence ascent to table land by ghat, up which road runs for 4 f. ascent gradual but rough, with ruts and large stones ; at 8 m. 2 f. and at 11m. 3 f. Unai and Khoria. Country between Bawri and Unai jungly, then open and cultivated. Tolerable cart-road except the ascent of the ghat. A moderate-sized village. <i>Camping Ground.</i> —N. among fields. <i>Water.</i> —Several wells and Larki nala. <i>Supplies.</i> —Abundant.
		5	SARANJI.—9 m. 7 f. At 6 m. 3 f. cross Larki p. o. nala ; pass Karawad Barari, Timria and Bolasi in this stage. Country very undulating with ridges and knolls. A good cart-road (broad), small village and ruined fort. <i>Camping Ground.</i> —About one bigha, demarcated. <i>Water.</i> —Scanty and bad from 2 wells, good from nala. <i>Supplies.</i> —Several shops.
		6	CHAYEN.—8 m. At 1 m. 5 f. and at 5 m. 2 f. Hanan and Ganawad, country hilly. 30 m. 3 f.

## Route No. 14.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A. IN MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		Road 5 m. narrow, with occasional ruts, but fairly good. Rest very heavy, uneven and rocky. Small village on right bank of Mahi river. <i>Camping Ground.</i> —150 yds. S. about 20 bighas, not demarcated. <i>Water.</i> —From Mahi river. <i>Supplies.</i> —Nil. <i>Forage.</i> —Plentiful from neighbourhood.
		7 70 m.	KUAJAGAR.—9 m. 5 f. At Chayen cross Mahi river 100 yds. wide, left bank low, descent easy, bed very heavy and stony; right bank steep; road ascends by easy winding cuttings. At 2 m. 2 f. Palas; at 4 m. 2 f. Undwa river, bed rocky and rugged; road up right bank through easy winding cuttings, but heavy and rugged. At 7 m. 7 f. Mandri. Country open and cultivated. Road good, but precipitous in parts. A small village. <i>Camping Ground.</i> —On left bank of hararia Khal river which cross at Kuajagar, bed rocky and uneven. <i>Water.</i> —From river. <i>Supplies.</i> —Nil.
		8 79m. 5f.	RUTLAM.—9 m. 5 f. Pass village of Tiri and b. p. o., t. s., r. s. Mathori; country as before.

### Route No. 14.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A. IN MALLA, AT NEEMUCH.  GENERAL OFFICER COMMAND- ING, CENTRAL PROVINCES DIS- TRICT.		<p>Road good but narrow. A large town the residence of a Maharaja. Junction of the Ajmer-Khandwa (metre gauge) railway with broad gauge line.</p> <p><i>Camping Ground.</i>—Demarcated, near bungalow, 18 acres.</p> <p><i>Water</i>—Abundant.</p> <p><i>Supplies.</i>—Abundant, well, 25 feet deep.</p> <p><i>Transport.</i>—Available.</p> <p>By Route III to Neemuch (8 marches).            " " to Nasirabad (21 marches).            " " to Mhow (8 marches.)</p>

**Route No. 15.****CHOTA UDEPUR TO KAMPTEE.***Length 424 m.**39 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction E. by S. Betul to Kamptee metalled and motorable throughout except during very heavy rain, when the crossings (although paved) in miles 140, 156 and 161 from Betul become impassable for a few hours. Between Borgaon and Betul the country is Government forest reserve, hilly with thick jungle, and very sparsely inhabited by Bhils, the water supply is uncertain and many of the villages marked on the map are deserted. With the exception of grass and wood there are no supplies; the track is very bad and is only fit for lightly loaded country carts (6 to 8 mds.) and pack transport. The Tapti, crossed twice in this portion, is unfordable till the end of October while there are no boats at the crossings. From Betul to Chichunda a first class metalled road runs, while the road on to Kamptee is a good made one. A better route, though longer by about 50 miles, is by route 17 to Dhulia, thence to Burhanpur (*vide* Volume VI of 1910) any from there *viz* Ellichpur. By this alternative the Tapti is crossable by ferry boat in the rains while the major portion of the route is metalled.

AUTHORITIES.	No. of stage and total distance.
Civil.	Mili- tary.
P. A., REWAKANTHA AT GODHRA.	G. O., C. P. DISTRICT.

**Route No. 15.**

**CHOTA UDEPUR.**—Connects with Sind b., *p. o.* Rajputana Dist. Route 29. A small town nearly

surrounding a brick fort. Residence of a Raja tributary to the Gaekwar, on the Orsang river which runs to W.

*Camping Ground.*—None fixed.

*Water.*—From wells, tanks and Orsang river.

*Supplies.*—Available.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili-tary.		
		1 9 m.	DEOHATI.—9 m. At 6 f. Orsang river, 220 yds. wide, bed sandy and difficult for carts; at 5 m. 1 f. cross nala and pass villages of Dhumodi and Umbala. Small village. <i>Camping Ground.</i> —None fixed. <i>Water.</i> —From Khadiali river. <i>Supplies.</i> —None locally.
		2 19 m. 6 f.	CHANDPUR.—10 m. 6 f. At 2 f. Khadiali river, at 3 m. 6 f. cross a nala 67 yds. wide; at 4 m. 5 f. Rungpur; at 8 m. 2 f. cross nala. A small village. <i>Camping Ground.</i> —S. 2 bighas, cleared, not demarcated. <i>Water.</i> —From pits in nala and one well (pucca). <i>Supplies.</i> —Scarce.
	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	3 29 m. 1 f.	RAJPUR (Ali).—9 m. 3 f. At 8 m. 4 f. cross b., p. o. Borkhad. A small town, capital of State. Chief's palace. <i>Camping Ground.</i> —S. 5 bighas, ground as above. <i>Water.</i> —From a few wells. <i>Supplies.</i> —Plentiful and fair.
		4 40 m. 7 f.	NANPUR.—11 m. 6 f. At 9 m. 2 f. Sukar river, 66 yds., bed sandy. Small village. <i>Camping Ground.</i> —E. 2½ bighas, ground as above.

**Route No. 15.**

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili- tary.		
POLITICAL AGENT, SOUTHERN STATES OF CENTRAL INDIA, MANPUR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
			Water.—Good, from a few wells. <i>Supplies.</i> —Scarce.
		5	CHIKLI.—6 m. 3 f. At 5 m. 3 f. Hatni river 66 yds. wide, bed sandy, banks low. Small village. <i>Camping Ground.</i> —S. E., uneven ground. Water.—Scarce and bad from wells and nala. <i>Supplies.</i> —Scarce and difficult.
		47 m. 2 f.	KUKSI.—10 m. 6 f. Pass villages of Palasi p. o. Ali, Talanpur and Silkua in this stage.
		6	Country cultivated. <i>Camping Ground.</i> —None fixed. Water.—From wells. <i>Supplies.</i> —Few shops.
		58 m.	LOHARIA.—10 m. At 1 m. 3 f. Wagni river; 129 yds. wide, bed stony; at 5 m. 3 f. Ambara; at 6 m. 3 f. Uri river, 75 yds. wide, bed stony. At 7 m. 5 f. Dhulsar. <i>Camping Ground.</i> —None fixed. Water.—From river and wells. <i>Supplies.</i> —Scarce.
		7	
		68 m.	
		8	MANAWAR.—13 m. 3 f. Pass Singana, Borad, Dedla.
		81 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 15.
			<i>Camping Ground.</i> —30,000 sq. yds., S.-E. of village. <i>Water.</i> —Man river, scarce in summer. <i>Supplies.</i> —A few shops.
		9	<b>BAKANER.</b> —6 m. 3 f. From here metalled road to Amjherar. At 4½ f. cross Man river, 100 yds. wide.
		87 m. 6 f.	<i>Camping Ground.</i> —N. of village on bank of nala. <i>Water.</i> —From wells, Man river and Gatwal nala, scarce in summer. <i>Supplies.</i> —Few shops.
		10	<b>DHARAMPURI.</b> —12 m. 5 f. Cross nala; at p. o. 1 m. 6 f. cross another nala; at 3 m. 4 f. Shirwi; at 7 m. 4 f. Akhale; at 11 m. 7 f. Rui nala. Small town on N. bank of Narbada river. Headquarters of sub-division. <i>Camping Ground.</i> —None fixed. <i>Water.</i> —From Narbada river. <i>Supplies.</i> —Large bazar.
		108 m. 6 f.	<b>KHALA GHAT, N. BANK.</b> —8 m. 3 f. N. bank p. o. of river; at 3 m. 7 f. pass Lunhera. Here main Routes Nos. VIII and IX from Bombay to Mhow cross the Narbada by a submerged bridge. Narbada 1,320 yds. wide, bed rocky, banks steep.

**Route No. 15.**

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili- tary.		
	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<i>Camping Ground.</i> —On the South bank 4 acres, demarcated, cleared. <i>Water.</i> —From Narbada river. <i>Supplies.</i> —Abundant.
		12	CHOTA KASRO.—12 m. 3 f. At 1 m. $2\frac{1}{2}$ f. b. pass Akbarpur; 5 m. cross Satak nala; at 8 m. $3\frac{1}{4}$ f. Bhilgaon.
		121 m. 1 f.	<i>Camping Ground.</i> —N.-W. of village. <i>Water.</i> —From wells and nala. <i>Supplies.</i> —Few shops.
		13	MULTAN.—10 m. 1 f. At 5 m. 5 f. Deolan; at 6 m., cross Beda river 134 yds. wide, bed stony, banks easy.
		131 m. 2 f.	<i>Camping Ground.</i> —N.-E. of village. <i>Water.</i> —Tank and wells. <i>Supplies.</i> —Few shops.
		14	SUKAR.—13 m. 4 f. At 5 m. 3 f. Chondi; at 9 m. Pipali; at 10 m. 6 f. Dinlai; at 13 m. Ahar nala, 40 yds. broad, bed stony. <i>Camping Ground.</i> —On Ahar nala $\frac{1}{2}$ m. from village. <i>Water.</i> —From wells. <i>Supplies.</i> —Scarce.
		144 m. 6 f.	
		15	BIKANGAON.—5 m. 7 f. At 2 m. 4 f. Kedwa; country cultivated. <i>Camping Ground.</i> —W. of well near village. <i>Water.</i> —From wells. <i>Supplies.</i> —Scarce.
		150 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili- tary.		
P. A., SOUTHERN STATES OF CENTRAL INDIA, ATMANPUR	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		
D. C., NIMAR, AT KHANDWA.			
16		CHIRBAIL.—11 m. 5 f. At 1 m. 3 f. Temla; at 6 m. 6 f. Panasla. <i>Camping Ground.</i> —S. of village. <i>Water.</i> —Tank and wells. <i>Supplies.</i> —Scanty.	
162 m. 2 f.			
17		PUNDHANA.—12 m. 2 f. At 1 m. 3 f. Bilun- p. o. khera; at 4 m. 6 f. Sirsod; at 7 m. Konla- dil; at 9 m. 5 f. Abna river. <i>Camping Ground.</i> —1 m. N.-E. on Ghorwa river. <i>Water.</i> —Wells and river. <i>Supplies.</i> —Many shops. A metalled road runs from here to Khandwa.	
174 m. 4 f.			
18		BORGAON.—9 m. 6 f. At 3 m. join made road b. (2 m. from C. G.) from Mhow (route III). <i>Camping Ground.</i> —1½ m. N. of village, near Sukta river. <i>Water.</i> —Sukta river and a small stream ¼ m. S. of it. <i>Supplies.</i> —Several shops; transport available. From Mhow in 8 marches.	
184 m. 2 f.			
19		PIPLOD.—15 m. 2 f. At 4 m. Dangargaon r. s. After crossing the rail- way the road is a mere track. At 10 m. Bilkhera. <i>Camping Ground.</i> —In front of Police Thana, for one battalion; not demarcated. <i>Water.</i> —One good well. For animals at river 1 mile distant. <i>Supplies.</i> —On notice.	
199 m. 4 f.			

### Route No. 15.

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
	20	DHANDA.—18 m. In this march, and in the subsequent ones as far as Betul, the road is only a very rough and narrow cart-track through thick jungle and leading over numerous rocky <i>nala</i> beds. At 4 m. Gorikheda; at 8½ m. Borikheda; at 15 m. Dewali, a deserted police hut; two or three tracks branch off here, and a guide should be taken from Borikheda. A small Bhil village.
	217 m. 4 f.	<i>Camping Ground</i> .—On banks of stream; 100 yds. distant. <i>Water</i> .—From stream; a well is sunk in bed when stream dries up (May). <i>Supplies</i> .—Nil.
	21	BUTI.—18 m. Road as above. Pass Raipur and Senda, both deserted. <i>Camping Ground</i> .—Extensive. <i>Water</i> .—From stream. <i>Supplies</i> .—From Bhamgarh.
	22	BALTA.—10 m. Cross a river and 5 <i>nala</i> s in this march. <i>Camping Ground</i> .—Good. <i>Water</i> .—From river. <i>Supplies</i> .—By notice to Suba at Khurda.
	245 m. 4 f.	BORKUND — 8 m. Cross 4 <i>nala</i> s in this march. <i>Camping Ground</i> .—Good. <i>Water</i> .—From wells. <i>Supplies</i> .—As above.
	23	
	253 m 4 f.	

DEPUTY COMMISSIONER OF BETUL, BADNUR.

GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 15.
		24	MOHTA.—10 m. In this march grass 4 <i>nalus</i> and the Tapti river, impassable till the end of October. <i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —None locally. On notice from Kamapur, Chandu and Chicholi.
		263 m. 4 f.	BORI.—15 m. Cross 5 <i>nalus</i> in this march. p. o. <i>Camping Ground.</i> —Confined by jungle. <i>Water.</i> —Excellent strong spring from <i>nala</i> . <i>Supplies.</i> —As above.
		25	JAMBU.—14 m. Cross 4 <i>nalus</i> in this march.]
		278 m. 4 f.	<i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —As above.
		26	CHUNA.—11 m. Cross Tapti river and 5 <i>nalus</i> in this march. <i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —From Chicholi.
		27	KHERI.—10 m. Cross 5 <i>nalus</i> in this march.
		303 m. 4 f.	<i>Camping Ground.</i> —Good. <i>Water.</i> —From Tapti river. <i>Supplies.</i> —From Chicholi.
		28	<i>Camping Ground.</i> —Good and extensive. <i>Water.</i> —Wells and tank, scarce in hot weather. <i>Supplies.</i> —None locally; on notice from Betul and Chicholi.
		313 m. 4 f.	

AUTHORITIES.			Route No. 15.
Civil.	Mili-tary.	No. of stage and total distance.	
		29	BETUL BADNUR.—8 m. A good sized place ; p.-o., r.-s. Deputy Commissioner. <i>Camping Ground.</i> —Government property, S. of town. <i>Water.</i> —Tanks, wells and Machna river. <i>Supplies.</i> —For 100 men ; notice required for larger numbers. Gram for horses. By route 37 to Bhopal, 9 marches.
		321 m. 4 f.	SASUNDRA.—16 m. At $5\frac{1}{2}$ m. Milanpur ; at 9 m. cross Sampna river, banks easy, fordable one hour after rain ; at 10 m. Khapa at 12 m. Jhitapati ; at 13 m. Belmandi to left and 15 m. Nawagon to right. Country hilly and jungly, with cultivation. A large village with police station and serai. <i>Camping Ground.</i> —Cleared, $1\frac{1}{2}$ m. from road E. of village, high stony ground ; near old road to Chachunda. <i>Water.</i> —Good, from Public Works Department well. <i>Supplies.</i> —As above.
		30 337 m. 4 f.	MULTAI.—13 m. 3 f. At $3\frac{1}{2}$ m. Umbaria $\frac{1}{2}$ b., p. o. m. right, at $6\frac{1}{2}$ m. Nagurkot ; at $7\frac{3}{4}$ m. Mohi ; at 9 m. Bhelai ; at 10 m. district bungalow 13 m. 2 f. b. A large town with hospital, tahsil and police station. <i>Camping Ground.</i> —Government ; good $\frac{1}{2}$ m. N.
DEPUTY COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		31 350 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili-tary.		
DEPUTY COMMISSIONER OF CHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
		32	<i>Water.</i> —One pucca Public Works Department well, and other wells. <i>Supplies.</i> —As above.
		358 m. 5 f.	CHICHUNDA.—8 m. At $4\frac{1}{2}$ m. Malogaon, $3\frac{1}{2}$ f. left. Country open and cul-tivated. A small village with serai and police station. <i>Camping Ground.</i> — $\frac{1}{2}$ m. S.-W. of village, to left of road. Government ground. <i>Water.</i> —Three wells. <i>Supplies.</i> —As above.
		33	TIGAON.—9 m. 5 f. Cross <i>nala</i> s at 3 f. 5 f. $1\frac{1}{4}$ m., $1\frac{1}{2}$ m., $1\frac{3}{4}$ m., $3\frac{1}{2}$ m. (with well on bank). 7 m., $7\frac{1}{2}$ m., 8 m., $8\frac{1}{4}$ m., $8\frac{3}{4}$ m., and $9\frac{1}{2}$ m. A small village. <i>Camping Ground.</i> —1,100 yds. East of village. <i>Water.</i> —Good, from Jam river and wells till February, after which brought from a distance. <i>Supplies.</i> —Two shops. Market on Fridays.
		34	SEONI (VILLAGE).—11 m. 6 f. Cross several <i>nala</i> s in this stage, most <i>p. o.</i> of them are paved or have culverts. At $3\frac{1}{2}$ m. Monza Deokhap to left; at $5\frac{1}{2}$ m. Pandhorana, town with <i>p. o.</i> , police station and abundant supplies; at 6 m. Monza Bahmni with serai and dak bungalow; at 10 m. Monza Moredongri. A small village with serai and 6 shops. <i>Camping Ground.</i> —100 yds. W. of village.

AUTHORITIES.		No. of stage and total distance.	Route No. 15.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NAGPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULOPRE		
			<i>Water.</i> —Well close by (good). <i>Supplies.</i> —On two weeks' notice.
		35	CHICHOLI.—7 m. 6 f. Cross several <i>nalas</i> , b., p. o. most of which are paved, and none of which are large. A small village, with serai and police station. <i>Camping Ground.</i> —200 yds. W. of village. Another at 7 m. 3 f. under large banian trees. <i>Water.</i> —A well close by both C. Gs. Four wells in village. <i>Supplies.</i> —On two weeks' notice.
		387 m. 6 f.	
		36	UMRI.—9 m. 7 f. Country open and cultivated. At $3\frac{1}{2}$ m. Asangaon to left; at $5\frac{1}{2}$ m. Khursapur; at 7 m. Chuthrapur to right; at $9\frac{1}{4}$ m. descent A small village. <i>Camping Ground.</i> — $\frac{1}{2}$ m. W. of village to right of road. <i>Water.</i> —8 wells. <i>Supplies.</i> —Scarce. Two shops.
		395 m. 5 f.	
		37	SAONAIR.—7 m. 3 f. Country open and cul- b., p. o. tivated; Mango and tamarind trees. At $2\frac{1}{2}$ m. Pimpri 3 f. right; at $3\frac{1}{2}$ m. Bagarimayari $\frac{1}{2}$ m. left; at 4 m. Haiti. A large village with police station, two serais and seven shops.
		403 m.	

DEPUTY COMMISSIONER, NAGPUR.

COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		Route No. 15.
			<i>Camping ground.</i> —½ m. N.-E. of village, near serai. <i>Water.</i> —From wells and rivers. <i>Supplies.</i> —Abundant. Here Route 38 joins. From Saugor 21 marches.
		38	PATANSAONGI.—7 m. 7 f. At 2½ m. Gujarb., p. o. kheri; at 2½ m. Burujwara to right; at 3½ m. Malaigaon, ½ m. right; at 4½ m. Manaigaon; at 5½ m. Takri to left. A large village with serai, police station and 11 shops. <i>Camping Ground.</i> —½ m. N.-E. of village, to right of road. <i>Water.</i> —
		410 m. 7 f.	<i>Supplies.</i> —} As above.
		39	KAMPTEE.—13 m. 1 f. At ½ m. road to Wari; b., p. o., t. s., r. s. at 2½ m. dak bungalow about 200 yds. right; at 3 m. Pipla; at 4 m. made road to Nagpur branches off; at 4½ m. Dahigaon ¼ m. left; at 7½ m. Chicholi 3 f. right; at 8½ m. Bhanaigaon ½ m. left; at 9½ m. Kular river, 98 yds. wide, no bridge; at 10½ m. Warigaon ¼ m. left. A cantonment. <i>Water.</i> —
		424 m.	<i>Supplies.</i> —} Available. By Route VI to Juhulpur in 14 marches.

## Route No. 16.

FROM MHOW TO JHALRAPATAN.

Length 165 m. 3 f.

13 Marches.

*Authority and date (month and year).*—G. O. C., C. P. District.*Epitome.*—General direction N., a good metalled road except for the part from 7 m. beyond Sohet to 3 m. beyond Raipur (9 m.). Water and supplies obtainable throughout except at Mokundara and Mandana where water sometimes becomes scarce in the hot weather.

Suitable for motors throughout. Between Agar and Susner the driver should look out for Irish bridges in the valleys, which would be dangerous if taken at high speed.

RESIDENT IN INDORE.	G. O. C., C. P. DISTRICT.	AUTHORITIES.	No. of stage and total distance.	Route No. 16.
		Civil.	Mili- tary.	
			1	INDORE.—13 m. 6 f. <i>b., p. o., t. s., r. s.</i>
			13 m. 6 f.	
			2	DAKACHIA.—12 m. 7 f.
			26 m. 5 f.	
			3	DEWAS.—10 m. 1 f. <i>b., p. o., t. s.,</i>
			36 m. 6 f.	See main Route VIII, stages 8, 9 and 10.
			4	From Dewas to Bhopal by Route 36 (8 mar- ches).
			48 m. 5 f.	MARWAHAL.—11 m. 7 f. Road fair, metalled <i>b.</i> and bridged. Coun- try open and culti- vated. At 2 m.

## Route No. 16.

AUTHORITIES.		No. of stage and total distance.	Route No. 16.
Civil.	Mili- tary.		
P. A., MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p>pass Itawa ; at 5 m. cross Khurdi, a <i>nala</i> ; at 9 m. 2 f. Palkhanda.</p> <p>A moderate-sized village with fort.</p> <p><i>Camping Ground.</i>—13,068 sq. yds. S. near bungalow, marked by ditch and mound uneven, and requires clearing.</p> <p><i>Water.</i>—From a few wells and <i>nala</i>.</p> <p><i>Supplies.</i>—Several small shops, supplies on notice.</p>
		5	<p>UJJAIN (N.-W. GATE).—11 m. Cross large <i>nala</i> b., p. o., t. s., r. s. on starting. At 4 m, Datana, and cross <i>nala</i> fordable. At 5 m. 6 f. Chandesra ; at 11 m. 1 f. E. gate of Ujjain.</p> <p>Country as above. Road metalled. A walled city on Sipra river on Bombay, Baroda and Central India Railway.</p> <p><i>Camping Ground.</i>—S. near bungalow, large.</p> <p><i>Water.</i>—From waterworks.</p> <p><i>Supplies.</i>—Abundant.</p>
		59 m.	
		6	<p>NAZARPURA 12 m. 4 f. Country undulating and partly cultivated. Road as above.</p> <p>At 5 m. pass Surasa ; at 6 m. Dabla ; at 10 m. 2 f. Nipania.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—350×200 yds. near village W. (left) of road.</p> <p><i>Water.</i>—From wells.</p> <p><i>Supplies.</i>—On notice.</p>
RESIDENT AT GWALIOR.		72 m. 1 f.	

## Route No. 16.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A., MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	7	DHABLA.—11 m. 2 f. Country undulating, and rising to a ridge of low hills, which intersect road at 1 m. At 2 m. 6 f. Ghatia (bungallow); at 7 m. 2 f. Ghosla, whence metalled road to Gogapur on Rutlam-Kotah Railway; at 10 m. cross a nala by causeway. Road as above. A moderate-sized village. <i>Camping Ground.</i> —Near village to N.-W. 150 × 150 yds., not demarcated. <i>Water.</i> —Abundant, 2 wells. <i>Supplies.</i> —From surrounding villages, on notice.
RESIDENT AT GWALIOR.		83 m. 3 f.	TANURIA.—8 m. Country undulating and partly cultivated, full of fissures and holes. Road as above. At 1 m. 6 f. pass Jhalara; at 3 m. 6 f. Pat (bungallow) and cross Kalsand river, fordable, except in rains; at 3 m. 7 f. Parsi (2 large ferry boats over Kalsand in rains; approach to boats unsuitable for guns or motors). A medium-sized village. <i>Camping Ground.</i> —To N.-E. on high ground near a well. <i>Water.</i> —From wells and tank to E. of C. G. <i>Supplies.</i> —On notice; also weekly market, and small bazar.
		91 m. 3 f.	
		9	AGAR.—11 m. b., p. o., t. s. Country undulating and hilly. Road as above, cross a few nalas. A large walled town on a narrow slip
		102 m. 3 f.	

AUTHORITIES.		No. of stages and total distance.	Route No. 16.
Civil.	Military.		
RESIDENT AT GVALIOR.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.		<p>of high ground between a large lake on S. and a deep ravine on N.      By Route 31 to Neemuch (8 marches) and Sarangpur on (Route 8) (3 marches).  <i>Camping Ground.</i>—Near cantonment, N. of town.  <i>Water.</i>— } Abundant.  <i>Supplies.</i>— }</p>
		10	<p>SUSNER.—18 m. Country as above, and b. covered with thick jungle. At 5 m. ascent of Goraghata ; at 7 m. a steep and difficult ascent ; at 7 m. 6 f. a chowki ; at 10 m. 2 f. Bara on top of hill. A large village.  <i>Camping Ground.</i>—On W. of road and S.-E. of village, or E. of road near bungalow.  <i>Water.</i>— } Abundant.  <i>Supplies.</i>— }</p>
		11	<p>SOHIL.—19 m. Country open and cultivated. Road metalled, at 3 m. 6 f. Kherana ; at 7 m. 7 f. Kitheri ; at 8 m. 7 f. Magra ; at 10 m. 2 f. cross Kantia nala ; at 13 m. 3 f. Deoria ; at 13 m. 1 f. Kantia. A large village.  <i>Camping Ground.</i>—On W. of road and S.-W. of village.  <i>Water.</i>—From 4 pakka wells and Kantia nala.  <i>Supplies.</i>—On notice.</p>
		120 m. 3 f.	
		139 m. 3 f.	

## Route No. 16.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	12	RAIPUR.—13 m. Country open. Road metalled at first, then cart-track. At 4 m. 3 f. pass Salakheri; at 5 m. 4 f. Dongargaon; at 7 m. Guraria; metalling ceases, and road becomes village cart-track almost impassable in rains. Chowli river here crossed, water 2½ ft. deep in cold weather. South bank 20 ft. well cut up; N. bank gradual slope and stony. At 7 m. 6 f. Chanti; at 11 m. 4 f. Samas. A moderate-sized village. <i>Camping Ground.</i> —On both sides of road S. of village. <i>Water.</i> —From wells, tanks and <i>nala</i> , ½ m. N. <i>Supplies.</i> —On notice.
		152 m. 3 f.	
		13	JHALRAPATAN.—13 m. Country open and p. o., t. s. cultivated. Thin jungle in parts. Roads unmetalled for 3 m., then a metalled road in bad repair (June 1911). At 1 m. 6 f. Rawal; at 3 m. Dawai; at 5 m. Borda; at 6 m. Neori; at 9 m. 5. f. Chandlo. A walled town. Here Route No. 34 passes from Neemuch (8 marches) to Goona (8 marches) and No. 37 from Bhopal (12 marches) and Betul Badnur (21 marches) ends. <i>Camping Ground.</i> —To E. and W. <i>Water.</i> — } Abundant. <i>Supplies.</i> —No cow-killing allowed. Great Hindu and Jain centre.
		165 m. 3 f.	

**Route No. 17.**

FROM SARANGPUR TO NEEMUCH.

This route connects main routes VIII and III.

*Length 135 m.**11 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction N.-W. Road metalled as far as Agar then a good cart-track to Sitamau ; and metalled again from Sitamau to Neemuch. Between Agar and Sitamau the Kalisindh and Chambal are serious obstacles ; both are fordable from December to the rains but the banks of the latter are steep.

Water and supplies abundant throughout.

AUTHORITIES.		No. of stage and total distance.	Route No. 17.
Civil.	Mili- tary.		
G. O. C., C. P. DISTRICT.			
POLITICAL AGENT IN MALWA, AT NEEMUCH.		..	SARANGPUR.—See Route VIII, stage 14 b., p. o., t. s.
		1	BARODIA.—9 m. Metalled road. At $\frac{1}{2}$ m. p.o. cross Kali Sind river by causeway 280 yds. long, under water in rains ; at 3 f. d. b. ; at 5 m. Palkomaria ; at $5\frac{1}{2}$ m. Gadrokhera ; at $6\frac{1}{2}$ m. Jaswara.
		9 m.	<i>Camping Ground.</i> —300 yds. N. of village, for 1 brigade.
		3	<i>Water.</i> —3 wells, one within 100 yds. of C. G. <i>Supplies.</i> —Cattle for 1 brigade, and fodder for one regiment for 1 day.
		21 m.	KANAR.—12 m. Metalled road. Open level country. At $2\frac{1}{2}$ m. Baratkheri ; at 4 m. Datroda ; at $8\frac{1}{2}$ m. Choma d. b. at $8\frac{1}{2}$ m. Nak-

## Route No. 17.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
POLITICAL AGENT, MALWA, AT NEEMUCH.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	3
		32 m.
		4
		46 m.

hundar river 125 yds. broad, causeway, under water in rains ; at 9 m. Samgi  $\frac{1}{2}$  m. N. *Camping Ground.*—600 yds. S.-E. for one regiment ; level.

*Water.*—4 good wells near C. G.

*Supplies.*—Atta and grain for cavalry regt. for 2 days ; fodder and fuel available.

AGAR.—11 m. Metalled road.  
*b., p. o., t. s.*

A large walled town on a narrow strip of high ground between a large lake on S. and a deep ravine on N. *Camping Ground.*—Near cantonment, N. of town.

*Water.*— } Abundant.

*Supplies.*— } Route 30 from Mhow (9 marches) to Kotah (7 marches) crosses here.

BAROD.—14 m. A good cart-track. At 2 m. pass Malakheri and cross a nala ; at 3 m. Jota. Between 5 m. and 6 m. descend a ghat. At 6 m. 4 f. Jamli ; at 7 m. 5 f. Guraria ; at 10 m. 2 f. Sangakheri. A walled town with fort. *Camping Ground.*—300 yds. E. or W. of village. *Water.*— } Abundant.

*Supplies.*— }

### Route No. 17.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A. AT JHALAWAR AND KOTAH.	POLITICAL AGENT IN MALWA, AT NEEMUCHI.	5	GANGADHAR.—15 m. Road as above p.o. Thin scattered jungle. At 3 m. 5 f. cross a small hill ; at 5 m. 6 f. Dharakpur, on top of hills ; at 6 m. 2 f. Bapira ; at 9 m. Bara ; at 9 m. 5 f. Anupura ; at 11 m. 7 f. Sonari. A small town and fort on right bank of Kalisindh river. <i>Camping Ground.</i> —E. or W. <i>Water.</i> —
	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	61 m.	{ Abundant. <i>Supplies.</i> —
		6	KUNDLA.—8 m. 3 f. Road as above. Cross river on starting, fordable in December. At 3 m. 5 f. Kolni ; at 4 m. 6 f. Rampakhera ; at 5 m. 6 f. Armiakhela, after which country is open and cultivated ; at 7 m. Napania. A large village. <i>Water.</i> —From wells. <i>Supplies.</i> —Several shops.
		69 m. 3 f.	
		7	SITAMAU.—11 m. Road as above. At 2 m. 7 f. cross Chambal river with great difficulty, banks very steep, fordable in December. At 5 m. Gopalpura ; at 7 m. 2 f. Dabli ; at 8 m. 2 f. Mowkhera. A small town. The residence of a Raja. <i>Camping Ground.</i> —600 yds. to N. <i>Water.</i> —
		80 m. 3 f.	{ Abundant. <i>Supplies.</i> —

AUTHORITIES.			No. of stage and total distance.	
Civil.	Mili- tary			
P. A. IN MALWA AT NEEMUCH.	RESIDENT AT GWALIOR.	G. O. C., G. P. DISTRICT.	8	MANDESOR.—18 m. Metalled road, pass b., p.o., t.s., r.s. Antri and Chirmolia. Cross Tumbar river, pass Wansakhera (b.). See Main Route III, stage 36.
			98 m. 3 f.	
			9	PANTH PIPLIA.—10 m. 3 f. b., r. s.
			108 m. 6 f.	
			10	CHALDU.—14 m. 3 f.
			123 m. 1 f.	
			11	NEEMUCH.—11 m. 7 f.
			135 m.	

## Route No. 17.

By main Route  
No. III,

**Route No. 18.**

FROM NEEMUCH TO JHALRAPATAN.

*Distance 88 m. 2 f.**8 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction E. Road metalled and good as far as Banpura, after which it is a good made, but unmetalled road to Barod, then for one stage a level cart-track after which it joins the metalled road from Kotah to Goona. Suitable for all arms throughout. Nalas fordable except in flood. Water plentiful throughout; notice for supplies should be given.

Routes III and 26 pass through Neemuch.

AUTHORITIES.		No. of stage and total distance.	Route No. 18.
Civil.	Mili- tary.	1	SAWAN.—13 m. Road metalled and good. Pass Godora at 5 m. 2 f.; Reohi at 6 m. 6 f.; Borkheri at 9 m. 4 f.; Jawasa at 10 m. 4 f. Country undulating and partly cultivated. Cross 9 nalas in this stage. A small village.
POLITICAL AGENT, MALWA, AT NEEMUCH.	G. O. C., CENTRAL PROVINCES DISTRICT.	13 m.	<i>Camping Ground.</i> —E. and near village. <i>Water.</i> — <i>Supplies.</i> — } Abundant.
	2	26 m. 6 f.	KUKRESAR.—13 m. 6 f. At 5 m. 2 f. pass Manasia; at 7 m. Pathparra; at 9 m. 6 f. Dhanderi; at 11 m. Pipilia. Cross 11 nalas in this stage. Country as before. Road as above. A moderate-sized village. <i>Camping Ground.</i> —About 300 yds. E.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, MALWA AT NEEMUCH.	G. O. C., CENTRAL PROVINCES DISTRICT.	3	<p><i>Water.</i>—Good, but scarce and indifferent in hot season.</p> <p><i>Supplies.</i>—Plentiful.</p>
		39 m.	<p>RAMPURA (E. GATE).—12 m. 2 f. At 1 m. p.o. 6 f. pass Phulpura; at 4 m. Kundala, hill to left at same distance. The road leads through Rampura for the last <math>1\frac{1}{4}</math> m. Country as before. Road as above. A large doubled-walled town at the foot of a ridge of hills.</p> <p><i>Camping Ground.</i>—On the E. and W. sides near trees and wells.</p> <p><i>Water.</i>—From wells and stream.</p> <p><i>Supplies.</i>—Plentiful.</p>
		4	<p>TEHLA.—10 m. 6 f. At 2 m. 6 f. Semri; at 4 m. 4 f. Gujarth and cross the Chambal river by a very good ford after the 1st November and during the rains by a ferry boat, capable of carrying 400 maunds weight. The banks are steep, and the bed of rock and loose stones. At 6 m. 2 f. (Chota) Bamuria; at 7 6 f. (Bara) Mamuria. Cross Ansar river and 4 nalas in this stage. Road as above. A small village about 1 m. from right bank of Chambal river.</p> <p><i>Camping Ground.</i>—Near village.</p> <p><i>Water.</i>—Plentiful, good water, from wells near C. G.</p> <p><i>Supplies.</i>—Must be collected.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili-tary.		
POLITICAL AGENT IN KOTAH AND JHALAWAR, AT KOTAH.	RESIDENT AT INDORE.	5 60 m. 2 f.	<p><b>Route No. 18.</b></p> <p>BHANPURA.—10 m. 4 f. Country waste, b. open land for 4 m. then cultivated. Road as above. Pass Dabla at 4 f.; Kaunla at <math>4\frac{1}{2}</math> m.; Sandarpur at 8 m. Cross several nalaas <i>en route</i>. A large walled town. <i>Camping Ground</i>.—200 × 80 yds. E. of, and near town.</p> <p><i>Water</i>.—Plentiful, good from 4 wells and a nala near C. G.</p> <p><i>Supplies</i>.—Abundant.</p>
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		6 70 m.	<p>OSARA.— m. 6 f. Country mostly cultivated. Road unmetalled, but good, 20 ft. wide.</p> <p>A village.</p> <p><i>Camping Ground</i>.—100 × 180 yds. S. of and near village.</p> <p><i>Water</i>.—Plentiful, good, 3 wells near C. G.</p> <p><i>Supplies</i>.—Must be collected.</p>
		7 79 m. 4 f.	<p>BHILWARA.—9 m. 4 f. Country and road as above. Cross the Nagda-Muttra Railway near Shri Chattrapur station. At 4 m. Kalakheri; at <math>6\frac{1}{2}</math> m. Pipia. At end of stage cross Ahu river by causeway, impassable in the rains.</p> <p>A village on both banks of the Ahu river.</p> <p><i>Camping Ground</i>.—386 × 232 yds. about <math>\frac{1}{4}</math> m. from river.</p> <p><i>Water</i>.—Five wells near camping ground; for animals from river.</p> <p><i>Supplies</i>.—On notice.</p>

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A. IN KOTAH AND JHALAWAR, AT KOTAH.	C. C., 20TH I. I. BDE, JHANSI.	8 88 m, 2 f.

**Route No. 18.**

JHALRAPATAN.—8 m. 6 f. Country as p. o., t. s. above. Good made metalled road 10 ft. wide. At 4 m. Singania; at  $5\frac{1}{2}$  m. Ralaita. A large walled town, capital of Jhalawar State, commanded by a hill fort. Also a big Hindu and Jain centre.

*Camping Ground.*— $\frac{1}{2}$  m. from road.

*Water.*—Plentiful, good, from wells near C. G.

*Supplies.*—Abundant.

By route 30 from Agra (4 marches) and Mhow (13 marches).

By route 37 Bhopal (12 marches).

By route 77 Saugor (16 marches).

**Route No. 19.**  
FROM SHAHABAD TO SIPRI.

*Length 37 m.*

*3 Marches.*

*Authority and date (month and year).*—Corrections by Colonel Commandant, 20th Indian Infantry Brigade, Jhansi, September 1922.

*Epitome.*—General direction E. Road mere cart-track, usually tolerable, but stony and difficult, in parts good. Water procurable but at some stages indifferent. Supplies usually procurable on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 19.
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COL. COMMMDT, 20TH I. I. BDE., JHANSI.	..	<p>SHAHABAD.—14 m. Country undulating with scrub jungle and little cultivation. Road good. A large town with Tahsil.</p> <p><i>Camping Ground.</i>—<math>\frac{1}{4}</math> m. E. of town.</p> <p><i>Water.</i>—Abundant, good from 2 wells on E. of C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
		1	<p>SANDRI.—14 m. Country hilly and stony with thick jungle. Road as above to Deori at 7 m., then difficult stony track. Cross the Kuan (fordable except after heavy rain) soon after starting. A small jungle village.</p> <p><i>Camping Ground.</i>—150,000 sq. yds. <math>\frac{1}{2}</math> m. S.-W. of village.</p> <p><i>Water.</i>—Indifferent and limited from 2 wells and nala near C. G.</p> <p><i>Supplies</i>—Nil.</p>

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### Route No. 19.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
RESIDENT AT GWALIOR.	COLONEL COMDT., 20TH I. I. Bde., JHANSI.	2
		25 m.
		3
		37 m.

RAJGARH.—11 m. Country and road as above. Pass Kajuri at 4 m. and Ganjari at  $7\frac{1}{2}$  m. A large village.  
*Camping Ground.*— $\frac{1}{2}$  m. E. of village.  
*Water.*—Plentiful, good, from a well on, and one near, C. G.  
*Supplies.*—Procurable.

SIPRI.—12 m. Country open, undulating and b., p. o., t. s. cultivated. Road a good cart-track.  
 Pass Pipasawa at 5 m.  
 By Route No. VIII to Jhansi (6 marches).  
 By Route No. IX to Gwalior (6 marches).

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 M197CGS

**Route No. 20.**

FROM MHOW to SAUGOR.

Length 233 m. 3 f.

21 Marches.

*Authority and date (month and year).*—Colonel Commandant,  
20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N.-E. Road metalled and good as far as Bhopal. Rivers fordable except in flood, and crossed by stone causeways. From Bhopal to Bhilsa the road is unmetalled but fair, with the worst *nalus* bridged, passable for all arms in fair weather. From Bhilsa to Khari a good made road unmetalled. Thence a fair-weather road, unbridged to Rahatgarh, after which it is raised and bridged; last 7 m. metalled. Suitable for motors as far as Bhopal. Thence passable as far as Khari, after which impracticable.

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 20.</b>
Civil.	Mili- tary.		
RESIDENT AT INDORE.	G. O. C., C. P. DISTRICT.	1	INDORE.—13 m. 6 f.— <i>b., p. o., t. s., r. s.</i>
		13 m. 6 f.	DAKACHIA.—12 m. 7 f.
		2	DEWAS.—10 m. 1 f. <i>b., p. o., t. s.</i>
		26 m. 5 f.	
		3	BHAURASA.—9 m. 3 f. At 2 m. pass Jettpura, about 5 f. to left; at 4 m. 6 f. Khetama. Country partly cultivated and partly jungle. A large village about 1 m. N. of road.
P. A. BHOPAL. AT SEHORE.		26 m. 5 f.	
		4	<i>Camping Ground.</i> —On right of road.
		46 m. 1 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	5	<p><i>Water.</i>—From several wells.  <i>Supplies.</i>—Abundant.</p>
		56 m.	<p>SONKACH.—9 m. 7 f. At 4 m. pass dak p. o. bungalow on left of road ; at 4 m. 4 f. Urnia and cross Londri river, paved, fordable : at 5 m. 6 f. Phaora ; at 9 m. Samer ; at 9 m. 3 f. cross Kali Sindh river, 84 yds. wide, fordable except in rains. Country open and cultivated. Road metalled.</p> <p>A small town near Kali Sindh river.</p> <p><i>Camping Ground.</i>—150 × 150 yds. S. of road about <math>\frac{1}{2}</math> m. from river.</p> <p><i>Water.</i>—For 1 battalion from river and a few wells.</p> <p><i>Supplies.</i>—Nil.</p>
		6	<p>METWARA.—9 m. Pass Daulatpur (bungalow) at <math>4\frac{1}{2}</math> m. A very small village.</p> <p><i>Camping Ground.</i>—300 yds. E. of village.</p> <p><i>Water.</i>—Good, but limited from 2 wells in vicinity of C. G.</p> <p><i>Supplies.</i>—Nil.</p>
		7	<p>ASHTA. 16 m. 6 f. Country open and cultivated, p. o. 4th to 10th m., which is hilly and jungly. Cross a stream at 6 m. 6 f. by ford over a stone causeway, passable except after heavy rains, and Parbati river at end of stage by similar causeway.</p> <p>A fair-sized town on right bank of the Parbati. Country undulating, open and cultivated. Road as above.</p>

AUTHORITIES.		No. of stage and total distance.	Route No. 20.
Civil.	Mili- tary.		
POLITICAL AGENT IN BHOPAL, SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
			<i>Camping Ground.</i> —Small site E. of town and S. of road.
			<i>Water.</i> —For 1 battalion from 2 wells, one in dak bungalow compound and the other 200 yds. W. of C. G.
			<i>Supplies.</i> —Abundant.
		8	AMLAI.—13 m. 2 f. Country undulating, open and cultivated. Road as above.
		95 m.	A small village.
			<i>Camping Ground.</i> —270 × 140 yds. E. of road near dak bungalow.
			<i>Water.</i> —For 1 battalion from 2 wells, 1 in village, and other 300 yds. W. of C. G.
			<i>Supplies.</i> —Nil.
		9	SEHORE.—12 m. Country undulating, open b., t. s., r. s., p. o. and cultivated, a little hilly in 7th and 8th m. Road as above, except over the Ajnas nala, crossed at 4 m. by a raised stone causeway.
		107 m.	A town and small cantonment.
			<i>Camping Ground.</i> —N. of Ashta road and about 150 yds. W. of Lotia nala.
			<i>Water.</i> —Good, for 1 battalion, from well 100 yds. S.-E. of C. G., for animals from nala.
			<i>Supplies.</i> —Plentiful.
		10	KAJURI.—12 m. Country flat, open and b. cultivated. Road as in last stage. Pass Panda at 10 m.
		119 m.	

### Route No. 20.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
POLITICAL AGENT IN BHOPAL, SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	
		A small village. <i>Camping Ground.</i> —150 × 150 yds. N.-W. of bungalow. <i>Water.</i> —Good, from well in bungalow compound. <i>Supplies.</i> —Nil.
		11                    130 m.
		BHOPAL.—11 m. Country open and cultivated, but hilly for last 3 m. Road as above. At 9 m. descend Naiapur Ghat. A large city, capital of State. <i>Camping Ground.</i> —520 × 370 yds. (adjoins road). <i>Water.</i> —Good and plentiful from wells on C. G.; for animals from lake 600 yds. from C. G. <i>Supplies.</i> —Abundant. Route 37 crosses and Route 76 starts here.
		12                    144 m. 2 f.
		DIWANGANJ.—14 m. 2 f. Country open and p. o., r. s. (2 m.). cultivated; road unmetalled but fair; the worst <i>nalas</i> are bridged. A small village. <i>Camping Ground.</i> —310 × 200 yds. S. of road. <i>Water.</i> —Plentiful and good from well 150 yds. N. and from tank 200 yds. W. of C. G. <i>Supplies.</i> —Limited.
		13                    153 m. 2 f.
		SALAMATPUR OR GULGAON.—9. m. r. s. (2 m.). Country as above. Road 15 ft. wide. neither metalled nor bridged, passable for all arms in dry weather, but difficult in rains.

AUTHORITIES.	Civil.	Mili-tary.	No. of stage and total distance.	Route No. 20.
P. A. IN BHOPAL AT SEHORE.				Cross and re-cross railway line, and cross the Gorapachar at 5 m., fordable in dry weather. A small village. <i>Camping Ground.</i> —300 × 240 yds. bad, N.-W. of village and W. of Gulgaon Jhil. <i>Water.</i> —From a well S.-E. of C. G. <i>Supplies.</i> —On notice.
RESIDENT AT GWALIOR.			14	BHILSA.—9 m. 6 f. Road good and passable <i>p. o., r. s.</i> for all arms, metall-ed road for last 4½ m.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			163 m.	A large walled town with a fort. <i>Camping Ground.</i> —Small site near railway station about 1 m. from the Betwa river. <i>Water.</i> —Plentiful from 2 wells on C. G.; for animals from tank 400 yds. N.-W. <i>Supplies.</i> —Abundant.
			15	KHARI.—10 m. 6 f. Country as above. Road made but not metall-ed. Cross Neon twice, fordable except in floods. A village. <i>Camping Ground.</i> —Small site 100 yds. from village. <i>Water.</i> —From Seo nadi, requires boiling; water in village well bad. <i>Supplies.</i> —Scrace.
			173 m. 6 f.	GARISPUR.—12 m. 6 f. Country open and cultivated. Road fair in fine weather, im-passable in rains. Pass Nairpur at 2 m. 2 f.
			16	
			186 m. 4 f.	

### Route No. 20.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
RESIDENT AT GWALIOR.	COL. COMDT. 29TH I. I. BDE., JHANSI.	17
DEPUTY COMMISSIONER OF SAUGOR.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE.	195 m.
		18
		207 m. 1 f.

and cross Kenton, fordable except during rains.  
A moderate-sized village.  
*Camping Ground.*—147,500 sq. yds. in a large garden close to village and road.  
*Water.*—Good, for 1 battalion, from well near C. G.  
*Supplies.*—Scarce.

BAGROD.—8 m. 4 f. Country jungly. Road as above.  
A village.  
*Camping Ground.*—30,500 sq. yds. near village on N. side of road.  
*Water.*—Plentiful, good, from 2 wells, one 200 yds. S.-W. of and other just N. of C. G.  
*Supplies.*—Limited.

RAHATGARH.—12 m. 1 f. Country hilly p. o. b. and rocky. Road a mere cart-track, about 9 ft. wide, unbridged, except over the Bina and impossible for wheeled traffic after heavy rains. Cross the Babrai at 3 m. 5 f. (fordable except after heavy rain). Mirzapur police outposts) at 6 m. 1 f. and the Bina (bridged) at end of stage.  
A town.  
*Camping Ground.*—160,000 sq. yds. N. of road and  $\frac{1}{4}$  m. from Bina river.  
*Water.*—From well 400 yds. S.-E. of C. G.; for animals from Bina river.  
*Supplies.*—Plentiful.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 20.
DEPUTY COMMISSIONER OF SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	19	BAIRKAIRI.—7 m. 6 f. Country as above, then open and cultivated. Road 15 ft. wide, raised, but unmetalled, bridged and suitable for all arms. Rough and stony for first 4 m. Difficult in rains. A very small village. <i>Camping Ground.</i> —90,000 sq. yds. N. of road, $1\frac{1}{2}$ E. of village. <i>Water.</i> —Fair, for a battalion, from a well near, and (for animals) from a <i>nala</i> $\frac{1}{4}$ m. W. of C. G. <i>Supplies.</i> —Nil.
		214 m. 7 f.	BHAPEL.—8 m. Country hilly with much cultivation. Road as above. Pass Mohera at 6 m. Cross Dhassan river (100 yds. wide) at 6 m. 2 f.; Sehora at 7 m. A village. <i>Camping Ground.</i> —94,380 sq. yds., on both sides of road. <i>Water.</i> —From a well to N. of road, and (for animals) from stream N.-W. of C. G. <i>Supplies.</i> —Abundant.
		20	SAUGOR.—10 m. 4 f. Country as above. b., p. o., t. s., r. s. Road bridged and in fair order, metalled for last 7 m. from Ratna. Cross Kharam nadi on starting by stone bridge. <i>See Route No. 11.</i> By Route 38 to Jhansi (13 marches). By Route 40 to Nowgong (11 marches). By Routes 11 and 6 to Jubbulpore (10 marches.)
		222 m. 7 f.	
		21	
		233 m. 3 f.	

## Route No. 21.

FROM BETUL BADNUR to JHALRAPATAN.

*Length 247 m. 6 f.*

*21 Marches.*

*Authority and date (month and year).—*

*Epitome.—General direction N. N. W. A good road metalled and in parts bridged, as far as Kilichpur, with the exception of the part between Hoshungabad and Bhopal, which is a mere cart-track. Beyond Kilichpur a cart-track, fair in parts, but rough and stony in places, the stage between Bhojpur and Bhalta being unsuitable for guns. With this exception the road is suitable for all arms. The only serious obstacle is the Narbada River, which is crossed by ferry, Motors should entrain from Hoshungabad to Hirania, and could not go beyond Kilichpur. Water scarce in many places, especially in hot weather. Notice should be given for supplies.*

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 21.</b>
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT BETUL.	COL. COMDT. 21ST I. I. BDE., JUBBULPORE	1	BETUL BADNUR.—From Kampti in 10 b. o., r. s. marches, 100 m. Route 12 from Ellichpur ends here.
		13 m. 5 f.	NIMPANI.—13 m. 5 f. Frist class road b., p. o. metalled and bridged. Cross Machna river and many nala bridged, and Badnur road branches off E. to Chindwara. A good-sized village. <i>Camping Ground.</i> —Kept clear. <i>Water.</i> —From wells and nala. <i>Supplies.</i> —Plentiful.

AUTHORITIES.	Civil.	Mili-	No.	Route No. 21.
		tary.	of stage and total distance.	
D. C. AT HOSHUNGABAD.	DEPUTY COMMISSIONER OF SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	2	DHAR.—22 m. 2 f. Road as above. Soil p. o. stony, cross Machna river again, and many nalas bridged. A small village. <i>Camping Ground.</i> -- Water.--From wells, insufficient in summer. <i>Supplies.</i> --On notice.
			35 m. 7 f.	
			3	KAISLA.—7 m. f. Road as above. Soil p. o. sandy, dense jungle all the way. Cross several nalas bridged. A good-sized village. <i>Camping Ground.</i> -- Water.--From wells (1 pukka well with ample water) scarce in hot season. <i>Supplies.</i> --On notice.
			43 m. 6 f.	
			4	PATROTA.—8 m. 4 f. Road metalled and bridged. Cross few nalas with metalled causeway. A small village. <i>Camping Ground.</i> -- Water.--Ample from wells. <i>Supplies.</i> --On notice.
			52 m. 2 f.	
			5	HOSHUNGABAD.—13 m. 2 f. Road as above. b., p. o., t. s., r. s. Soil black. Cross numerous nalas, bridged throughout. At 3 m. Itarsi junction. A large town and civil station on left bank of Narbada.
			65 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT HOSHUNGABAD.	COLONEL COMMANDENT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<b>Route No. 21.</b>
		6	Here cross route No. XII. From Jubkulpur .. .. (17 marches). From Mhow .. .. (15 " ) From Ahmedabad .. .. (35 " ). <i>Camping Ground.</i> —600×400 yds. $\frac{1}{2}$ m. N. W. of town. <i>Water.</i> —Ample, from wells and Narbada River. <i>Supplies.</i> —Ample.
		74 m. 4 f.	CHOKA.—9 m. Country hilly and wooded. Road a mere country track only 9 ft. wide. For last 3 m. difficult for wheeled traffic, but passable. Cross the Narbada by ferry on starting, 600 yds. wide and unfordable; 4 boats each carrying 30 men. <i>Camping Ground.</i> —E. of and close to road. <i>Water.</i> —Good but limited, from well 400 yds. N. of C. G. <i>Supplies.</i> —Nil.
		86 m. 4 f.	BISANKHERA.—12 m. Road as before to Hirania, whence metalled road is being constructed (1922) to Bhopal. From Hirania a metalled road goes to Kalia Kheri (6 m. N. E.). Nalas only unfordable after very heavy rain. Cross stream at end of stage by strong stone bridge. A small village. <i>Camping Ground.</i> —230×220 yds. 300 yds. W. of village.

AUTHORITIES.		No. of stage and total distance.	Route No. 21.
Civil.	Mili-tary.		
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>Water.—Good, for 2 battalions, from 2 wells 1 on, and 1 near, C. G.  <i>Supplies.</i>—Nil.</p>
		8 98 m.	<p>MISROD.—11 m. 4 f. Road hilly in parts, r. s. generally open. Metalled road under construction (1922). Streams strongly bridged.  A small village.  <i>Camping Ground.</i>—150×100 yds. S. E. of r. s.  Water.—Good, for 2 battalions, from 2 wells, 1 on, and other near, C. G.  <i>Supplies.</i>—Very limited.</p>
		9 105 m.	<p>BHOPAL.—7 m. Country and roads as above  A large city.  Here passes route No. 36.  From Mhow (11 marches).  From Saugor (10 marches).  <i>Camping Ground.</i>—250×370 yds.  <i>Water.</i>— } Plentiful.  <i>Supplies.</i>— }</p>
		10 119 m. 4 f.	<p>JHARKHERA.—14 m. 4 f. Metalled road, b. open and cultivated country.  <i>Camping Ground.</i>—No fixed ground Bungalow. W. of road.  <i>Water.</i>—Procurable.  <i>Supplies.</i>—Procurable on notice.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 21.
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
		11	SHAMPUR.—9 m. 4 f. Road as above. Pass Duraha at 4 m. (3 wells on C. G.).
		129 m.	Imlia at $5\frac{1}{2}$ m. <i>Camping Ground.</i> —No fixed ground. <i>Water.</i> — <i>Supplies.</i> — } Procurable.
		12	JAMONIA.—13 m. 3 f. Road as above. At b. 4 m. 4 f. Hingona (b.) and cross Parbati river. <i>Camping Ground.</i> —No fixed ground. <i>Water.</i> — } Procurable. <i>Supplies.</i> — }
		142 m. 3 f.	
		13	NARSINGARH.—11 m. 2 f. Road as above. b., p. o., r. s. A large town at western foot of a fortified hill. <i>Camping Ground.</i> —430 $\times$ 260 yds. close to town, well shaded ground, stony, soil murram and badly drained, and becomes a quagmire in the rains. <i>Water.</i> —Good from 3 wells. For animals, from tank, all on C. G. <i>Supplies.</i> —Abundant.
		153 m. 5 f.	
		14	BIAORA.—21 m. Country jungly with partial cultivation and hilly in parts. Road as above. Nalas generally fordable. Pass Bapcha (b.).
		174 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
			<b>Route No. 21.</b>
			Dispensary in village. Here cross main Route No. 8 Bombay-Agra road.
			Marches.
		From Mhow .. ..	11
		To Goona .. ..	5
		To Jhansi <i>via</i> Goona and Route No. 74 .. ..	14
		To Gwalior <i>via</i> Sippri and Route No. 9 .. ..	16
		<i>Camping Ground.</i> —500×250 yds. <i>Water.</i> — <i>Supplies.</i> —Large amount. Small amount of transport available.	
		15	RAJGARH.—15 m. Metalled road. <i>b.</i> Cross Ajnar river once, Newaj at end of stage. Country hilly. A town on left bank of Nairakhar river. <i>Camping Ground.</i> —No fixed ground. <i>Water.</i> —From wells and river. <i>Supplies.</i> —Plentiful.
		189 m. 5 f.	
		16	KHILICHPUR.—10 m. Road as above. <i>b., p. o.</i> Country hilly and jungly with patches of cultivation. Cross rocky bed of Ghar just before reaching camp. 50 yds. wide, dry in hot weather and fordable in rains. A town on the banks of the Ghar. <i>Camping Ground.</i> —On both sides of road just before entering town; little shade.
POLITICAL AGENT IN BHOPAL AT SEHORE.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A. IN KOTAH AND JHALAWAR, AT KOTAH.	POLITICAL AGENT IN BHOPAL AT SEHORE.		Route No. 21.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			
		17	Water.—Sufficient from wells of which one is pucca; that in river, bad. Supplies.—Procurable.
		208 m. 6 f.	BHOJPUR.—9 m. 1 f. Road a cart-track, fair but stony, rough and steep in places. Nalas easy. Pass Daulaj at 4 m. and Dabli at 7 m. A village. Camping Ground.—200×80 yds. W. of village little shade. Water.—From three wells scarce in hot weather. Supplies.—On notice.
		18	BHALTA.—10 m. 4 f. Road at first a fair cart track then bad, rough and stony unsuitable for guns. Pass Amlanda at 8 m. and cross the Chapi (fordable except after very heavy rains). A village. Camping Ground.—Left of road just before entering village. Water.—Plentiful, good, from wells. Supplies.—On notice.
		19	RATLAI.—12 m. 4 f. Country hilly in parts p. o. and mostly jungle. Road a country track at first rough and bad, but second half good. Nalas as above. Pass Banlikhera at 4 m. A large village.
		231 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 21.
P. A. AT KOTAH AND JHALAWAR AT KOTAH.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
			<i>Camping Ground.</i> —To W. of village. <i>Water.</i> —Plentiful but indifferent from wells. <i>Supplies.</i> —On notice.
		20	RICHWAN.—7 m. 6 f. Country hilly to right, open to left. Road 8 ft. wide, a country track only. Nalas as before. At 5½ m. Borkhera. A large village. <i>Camping Ground.</i> —Near village (small). <i>Water.</i> —Plentiful, good, from wells. <i>Supplies.</i> —Procurable.
		239 m. 4 f.	
		21	JHALRAPATAN.—8 m. 2 f. Road 30 ft. wide unmetalled but good. Cross Kali sindh at 4 m. by ford over a good stone causeway river always fordable except for a few days after heavy rain. At 4½ m. Banjara. <i>Camping Ground.</i> — } <i>Water.</i> — } See route No. 30. <i>Supplies.</i> — } By route 30 from Mhow (13 marches) and Agra (4 marches). By route 34 from Neemuch (8 marches) to Goona (8 marches). By route 77 to Sironj, and thence by Route 11 to Saugor (16 marches).
		247 m. 6 f.	

## Route No. 22.

FROM KAMPTEE TO GWALIOR.

*Length 422 m. 7 f.*

*42 Marches.*

*Authority and date (month and year).*—Corrected October 1921, by 37th Dogras, Jhansi, Gwalior, 17th Infantry.

*Epitome.*—General direction N. A metalled road throughout. Suitable for all arms. From Kamptee to Chindwara good and partially bridged; thence to Narsinghpur hilly; from there to Saugor, road only fair. Thence to Lalitpur very good. Between Lalitpur and Jhansi the road is very good, but for motors careful driving is necessary, as there are several sharp bends at villages. There are also several unprotected causeways. Betwa river can be crossed in dry weather by causeway, but a serious obstacle for a car in the rains. From Jhansi to Gwalior the road is very good, the only serious obstacle being the Sindh river crossed by a rough pile bridge in the dry season and by ferry-boat in rains.

Supplies on notice throughout, and water for a battalion.

By Route 6 from Wellington.

By Route 7 from Bombay to Nagpur and then by Route 6.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
D. C. NAGPUR.	C. C. 21ST I. BDE., JUBBULPORE.	1	PATANSAONGI.—13 m. 1 f. Road metalled and bridged except over Kuliar river and dry <i>nalas</i> . Black soil. A large village. <i>Camping Ground.</i> — <i>Water.</i> —From wells and rivers.
		13 m. 1 f.	<i>Supplies.</i> —Abundant from a few shops.
21 m. 1 f.		2	SAONAIR.—8 m. Road as above, pass b. p.o. several small villages and <i>nalas</i> . A large village with few shops.

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>Route 29 branches off to Mhow (27 marches ; via Borgaon and Route III) and to Baroda (43 marches).</p> <p><i>Camping Ground.</i>—800 yds. E. of village near serai.</p> <p><i>Water.</i>—Several wells also from river.</p> <p><i>Supplies.</i>—Abundant.</p>
		3	<p>BOREGAON.—12 m. Road metalled and bridged 1st class. A small village.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—On notice.</p>
		33 m. 1 f.	
		4	<p>RAMAKONA.—14 m. Road as above. Cross Jam river (bridged) and Kanhan river (unbridged) and few nalas. A moderate-sized village.</p> <p><i>Camping Ground.</i>—To S.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—For a large number of troops on notice.</p>
		17 m. 1 f.	
		5	<p>UMRI NALA.—14 m. Road as above. Cross Umri nala (bridged) fordable in hot and cold season ; also a few dry nalas. No village.</p> <p><i>Camping Ground.</i>—Good to S. of road. Ground not kept cleared.</p> <p><i>Water.</i>—From a pakka well close by.</p> <p><i>Supplies.</i>—From Akalberi.</p>
		61 m. 1 f.	

### Route No. 22.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT CHHINDWARA	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	6	CHHINDWARA.—14 m. Road as above, <i>b.</i> , <i>p. o.</i> , <i>t.s.</i> , <i>r. s.</i> Cross Kulbhera river (bridged) and 7 <i>nalus</i> . A large town. Headquarters of Deputy Commissioner. By route 41 to Pachmari (8 marches). <i>Camping Ground.</i> —Good, locally known as Gulab Rai's Amrai, 1½ m. from station.
		75 m. 1 f.	
		7	SINGORI.—13 m. 4 f. At 7 m. 4 f. pass <i>b.</i> , <i>p. o.</i> Chemama; at 8 m. 4 f. Tenduri, and ascend a steep ghat to Bhumka-Ghari, at 12 m. and cross Pench River (bridged). Road as above. Road to Pachmari branches off left at Chhindwara. A large village. <i>Camping Ground.</i> —To S. of village (good). <i>Water.</i> —Good, from pakka well in Public Works Department compound and tanks. <i>Supplies.</i> —Procurable.
		88 m. 5 f.	
		8	AMARWARA.—11 m. Road as above. <i>p. o.</i> Cross several <i>nalus</i> , bridged. A large village. <i>Camping Ground.</i> —To S. of village called Jagatdeo hill. <i>Water.</i> —From well in front of missionary bungalow. <i>Supplies.</i> —Plentiful.
		99 m. 5 f.	
		9	JUNGAWANI.—9 m. Country hilly and jungly. Road as above. At 2 m. pass Jamnia and descend Malodoni, and Duladeo
		108 m. 5 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili-tary.		
DEPUTY COMMISSIONER AT CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>ghats each 5 f. Cross Sakkar at end of stage. A small village.</p> <p><i>Camping Ground.</i>—Good, to N. of village. Ground not kept cleared.</p> <p><i>Water.</i>—From a spring in Jungawani <i>nala</i> and a well close by.</p> <p><i>Supplies.</i>—From Amarawara.</p>
		10	<p>BORENA.—10 m. 3 f. Country and road as above. A small village.</p> <p><i>Camping Ground.</i>—Good to N. of village—ground not cleared.</p> <p><i>Water.</i>—From Sakkar river and Jungawani <i>nala</i>.</p> <p><i>Supplies.</i>—From Harrai.</p>
		119 m.	<p>HARRAI.—8 m. Road as above. Country p. o. jungly. A large village.</p> <p><i>Camping Ground.</i>—To S. of village.</p> <p><i>Water.</i>—Plentiful, good, from pakka well on C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
D. C. AT NARSINGHPUR.		11	
		127 m.	
		12	<p>PARTAPUR.—10 m. Country hilly and jungly. Road as above. At 3 m. 4 f. pass Dudar 2 f. to left; at 6 m. 4 f. Saleya 6 f. to left.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—No regular ground, but site available.</p> <p><i>Water.</i>—From tank.</p> <p><i>Supplies.</i>—Scarce.</p>
		137 m.	

### Route No. 22.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		13	JAITPUR.—8 m. 5 f. Road and country as above. At 2 m. 7 f. pass Kamdari; at 5 m. 7 f. pass Piparpani. A small village.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		145 m. 5 f.	<i>Camping Ground.</i> —No regular ground. But site available. <i>Water.</i> —From a nala. <i>Supplies.</i> —On notice.
		14	NARSINGHPUR.—9 m. 5 f. On Bombay b., p.o., r.s., t.s. and Calcutta main line. Country open and well cultivated. Road as above. At 1 m. 1 f. pass Bhainsa; at 4 m. 4 f. Lokipur; at 5 m. 1 f. Singhpur. A civil station. H. Q. Deputy Commissioner. <i>Camping Ground.</i> —240×160 yds. open and good, W. of and close to town-hall. <i>Camping Ground.</i> —Partially cultivated, would be cut on application to Deputy Commissioner. <i>Water.</i> —Plentiful from well, and for animals from Singri Nullah $\frac{1}{2}$ m. S. of Camping ground. <i>Supplies.</i> —For 1,000 men without notice. The Route here crosses Route No. XII from Jubbulpore (6 marches) to Mhow (26 marches) and Ahmedabad (46 marches). By Route No. 81 to Lakhnadon. On Route 6 (4 marches).
		15	KARELI.—9 m. 2 f. Country as above. b., p. o., r. s. A fair metalled road. Bridge across Barurewa Nullah is submerged from end of November to
		164 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT NARSINGHPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p>1st June and difficult for transport owing to stiff and soft sand. At 3 m. 3 f. pass Kothia. A village about <math>\frac{1}{2}</math> m. from railway station. <i>Camping Ground.</i>—110,440 sq. yds. near village.</p> <p><i>Supplies.</i>—Obtainable with 4 days' notice to Deputy Commissioner, Narsinghpur. <i>Water.</i>—From a few wells. <i>Supplies.</i>—Procurable.</p>
		16	<p>BARMAN.—10 m. Country and road as p. o. above. Cross Dhamni on starting, and at end of stage the Narbada 200 yds. wide, by ford in dry season, by ferry (8 boats, each carry 40 men) in rains. A small village.</p> <p><i>Camping Ground.</i>—50,770 sq. yds. on both sides of road, <math>\frac{1}{2}</math> m. from Narbada river. <i>Water.</i>—Good, for a battalion, from well 20 yds. S. of C. G.; for animals from Narbada river. <i>Supplies.</i>—In small quantities.</p>
		17	<p>SUATALAO.—7 m. Country and road as p. o., t. above. Pass Sagri at 3 m. A small village.</p>
		181 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 22.
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<p><i>Camping Ground.</i>—105,270 sq. yds. to E. of road.</p> <p><i>Water.</i>—Good, for 2 battalions, from wells on C. G.</p> <p><i>Supplies.</i>—For 500 men on 10 days' notice as for Karelî.</p>
		18	<p>MAHARAJPUR.—10 m. 3 f. Country hilly p. o., t. and jungly at first, then open and cultivated. Road as above.</p> <p>A village.</p> <p><i>Camping Ground.</i>—330×330 yds. <math>\frac{1}{4}</math> m. W. of road.</p> <p><i>Water.</i>—Good, for a battalion, from well, trough on C. G.</p> <p><i>Supplies.</i>—Scarce, obtainable on 7 days' notice.</p>
		19	<p>DEORI.—8 m. 1 f. Country and road as b., p. o. Nalas fordable except when in flood. A fair-sized town on right bank of Sukchain nadi.</p> <p><i>Camping Ground.</i>—400×400 yds. E. of road and about 600 yds. from the nadi.</p> <p><i>Water.</i>—Good, for a battalion, from a well with trough, in police station compound about 110 yds. W. of C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		200 m.	

AUTHORITIES.			No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.			
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		20	GURJHAMAR.—10 m. 2 f. Country as above for 2 m. Then hilly and jungly. Road as above. Cross Sukchain soon after starting, and the Sonar (40 yds. wide) at end of stage, both by ford, except for a few hours at flood-time. There are ferries over these streams, 1 boat, each carrying 25 to 40 men respectively. A large village.
			210 m. 2 f.	<i>Camping Ground.</i> —90,000 sq. yds. <i>Water.</i> —Plentiful from well in vicinity of C. G. Other wells, one 100 yds. E. of road opposite C. G. Three $\frac{3}{4}$ m. W. of C. G. under trees.
			21	SURKHI.—11 m. Country at first flat, b., p. o. open and cultivated, afterwards hilly and jungly. Road as above. Thana Nullahs bridged, but fordable, except for a few hours when in flood; at 2 m. 6 f. pass Pati. A village.
			221 m. 2 f.	<i>Camping Ground.</i> —90,000 sq. yds. 50 yds. N. of bungalow, ground kept clear of brushwood, soil stony. <i>Water.</i> —Plentiful, good, from 2 wells, and $\frac{1}{4}$ m., respectively, from C. G. <i>Supplies.</i> —Procurable in small quantities.

### Route No. 22.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		22	CHITORA.—8 m. Country hilly and jungly. Road as above. A small village. <i>Camping Ground.</i> —90,000 sq. yds., 600 yds. from Bewas River. <i>Water.</i> —Good, but insufficient, from a well with trough 500 yds. E. of C. G.; for animals from Bewas river. <i>Supplies.</i> —Scanty.
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	23	SAUGOR.—10 m. Country as above at first, b., p. o., t. s., r. s. then fairly flat and cultivated. Road metalled, and bridged except over Bewas crossed on starting by a ford over a stone causeway (built yearly) except when in floods; ferry, 2 boats, each carrying 40 men. H. Q.—Deputy Commissioner. Davrie Motor Company with repair Workshop and Petrol Supply. Here crosses Route No. XI from Jubbulpore (10 marches), from Goona (12 marches), from Nasirabad (32 marches). Route No. 36 from Mhow (21 marches).
		24	RANIPUR.—7 m. Very good metalled road, bridged throughout. Country undulating and partly cultivated. At 2 m. pass Kapuria A small village. <i>Camping Ground.</i> —172,200 sq. yds. $\frac{1}{4}$ m. N. of village close to E. of road.
		246 m. 2 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<p><i>Water.</i>—Good, for a battalion, from well provided with pulleys and trough. Water supply in summer scanty on C. G. A nala close by village.</p> <p><i>Supplies.</i>—On notice.</p>
		25	<p>BANDRI.—8 m. 4 f. Country barren. Road as above; at 2 m. cross Dassan river by Irish bridge.</p> <p>A small village.</p> <p><i>Camping Ground.</i>—½ m. of N. village near road.</p> <p><i>Water.</i>—Good, for a battalion, from a well on and a stream E. of C. G.</p> <p><i>Supplies.</i>—Poor, not procurable under a week's notice.</p> <p><i>Ferry.</i>—Not now available.</p>
DEPUTY COMMISSIONER AT SAUGOR.		26	<p>RAJWAS.—9 m. Country and road as above. A small village.</p> <p><i>Camping Ground.</i>—272,260 sq. yds. 2 f. N. of village, near road.</p> <p><i>Water.</i>—Good, for a battalion, from Government well with pulleys and trough, dries up in summer, on C. G. A private well <math>\frac{1}{4}</math> m. away has water all the year round.</p> <p><i>Supplies.</i>—Procurable for 50 men at once, for more on notice.</p>
		263 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 22.
Civil.	Mili- tary.		
COLLECTOR AT LALITPUR.	D. C. AT SAUGOR.	27	MALTHON.—12 m. Country and road as above, p. o.
C. C., 20TH I. I. BDE, JHANSI.	C. C., 21ST I. I. BDE, JUBBULPORE.	275 m. 6 f.	and hilly. A small town with a fort S. of the Narat ghat. <i>Camping Ground.</i> —272,460, sq. yds. $\frac{3}{4}$ m. E. of road, demarcated. <i>Water.</i> —Abundant from well on C. G., for animals from small lake 700 yds. E. of C. G. <i>Supplies.</i> —Procurable but not plentiful.
		28	GUNA.—6 m. 4 f. Country and road as above b. Ascend hill to Guna, easy gradient. A village on a hill. <i>Camping Ground.</i> —155,000 sq. yds. near road and village. <i>Water.</i> —Good, from well on C. G.; for animals from a tank close to C. G. <i>Supplies.</i> —On notice.
		29	BIRDHA.—9 m. 4 f. Country undulating b., p. o. with partial cultivation. Road as above. Pass Amri at 3 m. A village. <i>Camping Ground.</i> —145,000 sq. yds., 600 yds. E. of village and near road, liable to be flooded in rains. <i>Water.</i> —From 2 wells, 1. on C. G. with 2 troughs; the other, with 2 troughs, $\frac{1}{2}$ m. N. of C. G. on E. side of road. <i>Supplies.</i> —Procurable.

### Route No. 22.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR AT LALITPUR.		30	LALITPUR.—13 m. Country and road as b., p. o., t. s., r. s. above. Pass Bhen-sai at 4 m. 4 f. and Ghatwar at 6 m. 6 f. and cross Sajat at end of stage. <i>Camping Ground.</i> —90,000 sq. yds. Well on C. G. never dries. A small cantonment and civil station. <i>Camping Ground.</i> —90,000 sq. yds. near town on the Jhansi road. <i>Water.</i> —Plentiful, good, from a well on C. G. and a nala $\frac{1}{2}$ m. from C. G. <i>Supplies.</i> —Abundant. Made but unmetalled road from here to Dhaura, 2 stages 20 m., general direction S.-W. and along railway by Route 75 to Goona, 8 marches. By Routes 75, 78 and 80 to Nowgong, 7 marches. By Route 76 to Bhopal, 12 marches.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		31	BANSI.—11 m. Country level and cultivat- p. o. ed. Road as above. Pass Nadanwara at 7 m. A village. <i>Camping Ground.</i> —80,000 sq. yds. close to and W. of road and $\frac{1}{2}$ m. from village, demar- cated. <i>Water.</i> —Good, from well on, and for cattle a tank 300 yds. from, C. G.. Well on C. G. dried after March but plentiful supply from wells in village.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR AT JHANSI .	COLLECTOR AT LALITPUR.		<b>Route No. 22.</b>
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			
		32	<i>Supplies.</i> —Procurable for 200—300 men without notice. Notice required for more.
		328 m. 6 f.	TALBAHAT.—18 m. Country level and b., p. o., r. s. chiefly jungle. Road as above. Pass Jamalpur at 5 m., a town with hill fort on bank of a lake. From 1 m. S. of Talbahat a made but unmetalled road to Sarwara, 2 stages (25 m.) to S.-W.
		33	<i>Camping Ground.</i> —30,000 sq. yds. close to and W. of road and town, demarcated. <i>Water.</i> —Good, from a well on, and (for cattle) from a big tank 400 yds. from C. G. <i>Supplies.</i> —Plentiful on 4 days' notice.
		336 m. 6 f.	BARARA.—8 m. Country and road as above. Cross Betwa by a causeway, except in rains. 2 boats, capacity 2 prs. wheels or 8 horses each, available; no ferry; causeway open at beginning of February approximately. When river is impassable here during rains, cross by Sirus ferry N.-W. Talbahat to Sirus 12 m., Sirus to Babina, 9 m. Civil authority at Sirus is Resident at Gwalior. <i>Camping Ground.</i> —100,000 sq. yds. near road and $\frac{1}{2}$ m. from village. <i>Water.</i> —Good, from 2 wells about 300 yds. from C. G., animals can be watered at river $\frac{1}{2}$ m. distant. Demarcated.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR AT JHANSI	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<b>Route No. 22.</b>
			<i>Supplies.</i> —Must be collected from Busai, 4 m., W. on railway.
		34	BABINA.—7 m. 4 f. Country jungle, undulating and hilly. Road as above.
		344 m. 2 f.	A good-sized village. Thana.
			<i>Camping Ground.</i> —25,000 sq. yds. near R. S. and $\frac{1}{2}$ m. from and W. of village, liable to be partly flooded during monsoon. Demarcated.
			<i>Water.</i> —Good, from a well on C. G. and (for animals) a tank close to C. G. which is dry by middle of March.
			<i>Supplies.</i> —Plentiful on short notice.
		35	KHAILAR.—7 m. 4 f. Country and road as above. Cross Gorasi at 4 m. 6 f. by a bridge.
		351 m. 6 f.	A small village.
			<i>Camping Ground.</i> —80,000 sq. yds. close to road and $\frac{1}{2}$ m. from village. Demarcated.
			<i>Water.</i> —Good, from a well on, and another near, C. G.
			<i>Supplies.</i> —Must be collected.
		36	JHANSI.—8 m. 4 f. Country and road as b., p. o., t. s., r. s. above. Pass Bijauli r. s. (2 m. from road) at $2\frac{1}{2}$ m. and Hasari at 6 m.
		360 m. 2 f.	A large cantonment and headquarters of Brigade and Deputy Commissioner. Here

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 22.
COLLECTOR AT JHANSI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>route crosses Route No. VIII from Bombay via Mhow to Allahabad.</p> <p>From Mhow (27 marches).</p> <p>From Nowgong (16 marches).</p> <p>By Route 84 to Cawnpore (15 marches).</p> <p>By route 74 from Goona (9 marches).</p>
		37	<p>AMBABAI.—9 m. Road as above. At 3 m. p. o., r. s. (Karar 1 m.) a metalled road from Jhansi City joins; at 5 m. 6 f. cross the Pahuj. At 6 m. Palapahari. R. A. practice camp. A good-sized village.</p> <p><i>Camping Ground.</i>—48,740 sq. yds. E. of and close to road and <math>\frac{1}{2}</math> m. S. of village.</p> <p><i>Water.</i>—Good, from 1 well with 2 troughs; and others near C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		38	<p>DATIA.—7 m. 3 f. Country level, with hills b., p. o., t. s., r. s. in places, chiefly jungle. Road as above.</p> <p>A good-sized village.</p> <p><i>Camping Ground.</i>—85,910 sq. yds. Demarcated.</p> <p><i>Water.</i>—From well, with trough, on, and others near C. G.</p> <p><i>Supplies.</i>—Plentiful.</p>
		39	<p>OPRAI.—10 m. 2 f. Country as above at first, then cultivated. Road as above.</p> <p>A good-sized village.</p>
		386 m. 7 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 22.
P. A. IN BUNDELKHAND AT NOWGONG.	COLLECTOR AT JHANSI.		<p><i>Camping Ground.</i>—65,340 sq. yds. level and dry, on W. of road 500 yds. S. of village.</p> <p><i>Water.</i>—From well on C. G.</p> <p><i>Supplies.</i>—On notice.</p>
	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	40	<p>DABRA.—10 m. Country intersected by b., p. o., t. s., r. s. ravines, cultivated in places. At 5 m. 6 f. cross Sindh river by temporary bridges from December to the rains. At other times by 2 boats and a barge.</p> <p>A large village.</p> <p><i>Camping Ground.</i>—275 × 275 yds. W. of road,</p> <p><i>Water.</i>—Plentiful, good, from well in centre of, and 5 others near, C. G.</p> <p><i>Supplies.</i>—On notice.</p>
		396 m. 7 f.	
		41	<p>MAKORA.—11 m. 4 f. Country flat and b.</p> <p>as above. At 3 m. 4 f. pass Samondan; at 8 m. 3 f. Tekampur tank, good alternative C. G.</p> <p>A small village.</p> <p>Antri, r. s. distant 1½ m. N.</p> <p><i>Camping Ground.</i>—450 × 150 yds. W. of road and N. of village.</p> <p><i>Water.</i>—Good, from well near (b.) and (for cattle from a stream N. of C. G. and tank 1 m. N. of railway crossing (2 m. from C. G.).</p> <p><i>Supplies.</i>—Limited, on notice.</p>
		408 m. 3 f.	

### Route No. 22.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	C. C. 20TH I. I. BRIGADE, JHANSI.	422 m. 7 f.	<p>GWALIOR.—14 m. 4 f. Country fairly flat  <i>r. s.</i> (<math>\frac{1}{2}</math> m. to N.) for first half of stage.          Jungle-covered hills.</p> <p>At 9 m. 1 f. pass Kota-ki-Sarai, disused C. G. where there is <i>b.</i> and good water.</p> <p><i>Camping Ground.</i>—400 × 375 yds. Nowlakka parade ground, good, outside palace walls, E. of road.</p> <p><i>Water.</i>—Good, from 2 wells ; 4 wells with troughs and 4 drinking water wells in lines of I. S. Lancers. Permission of H. H. the Maharajah to use these is required.</p> <p><i>Supplies.</i>—All kinds procurable.          By Route IX to Agra (6 marches).          By Route 39 to Udai for Etawah (7 marches).          By Route 69 to Nasirabad (23 marches).</p>

**Route No. 23.**

FROM GWALIOR TO UDAI.

*Length 60 m.**5 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction N.-E. Road metalled and bridged throughout. The Morar, Koari, and Chambal are crossed on this march, the two former by ford, the latter by bridge of boats in dry season, by ferry in rains. Road suitable for all arms, wheeled transport and motors. Water and supplies for battalion, but notice for latter should be given.

By Route No. 38 from Kampti (42 marches), by Route VIII and IX from Mhow (27 marches) and by Route 69 from Nasirabad (23 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 23.
Civil.	Mili-tary.		
RESIDENT AT GWALIOR.	COL. COMDT., 20TH I. I. BDE., JHANSI.	1 10 m. 4 f.	MALANPUR.—10 m. 4 f. At 1 m. cross Morar b. Morar an old cantonment, on right bank of river. Road metalled and good. Country open and cultivated with hills in the distance. At 5 m. 1 f. pass Bharato and cross small branch of Morar by a stone causeway. A village. <i>Camping Ground.</i> —N. of road near village. <i>Water.</i> —Good, for battalion, from a well in centre of C. G. <i>Supplies.</i> —From Morar.
		2 20 m.	CHINKA.—9 m. 4 f. Country and road as above. A village.

### Route No. 23.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT AT GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	2	<i>Camping Ground.</i> —280×250 yds., bad, and has many holes. <i>Water.</i> —Good, for battalion, from well on C. G. <i>Supplies.</i> —Scarce.
		33 m. 4 f.	MEHGAON.—13 m. 4 f. Country and road as b., p. o. above; pass Barkhari at 5 m. and Gingariki at 8 m. A large village. <i>Camping Ground.</i> —E. of road near village. <i>Water.</i> —Good, for battalion, from well S. of C. G. <i>Supplies.</i> —On notice.
		4	BHIND.—12 m. 4 f. Road as above; pass b., p. o., t. s., r. s. Ghijora at $3\frac{1}{2}$ m. and Doho at $10\frac{1}{4}$ m. A town, partly in ruins. <i>Camping Ground.</i> —250×330 yds. W. of road and town. <i>Water.</i> —Plentiful, good, from well N. of C. G. <i>Supplies.</i> —Procurable.
		5	UDAI.—14 m. Country flat and cultivated for 4 m., then intersected by ravines. Road as above. Cross Konari at $5\frac{1}{2}$ m. by ford in dry season, ferry in rains. Cross Chambal at end of stage, by bridge of boats in dry season, by ferry in rains, 16 boats available. After crossing Chambal enter Allahabad Independent Brigade Area. Thence to Etawah, stage $7\frac{1}{2}$ m.
		60 m.	

**Route No. 24.**

FROM SAUGOR TO KALPI *via* NOWGONG AND HAR PALPUR.

*Length 196 m.*

*21 Marches.*

*Authority and date (month and year).—*

*Epitome.*—General direction N.-N.-E. The route connects Route Nos. XI, VI and VIII.

The road throughout is metalled and good, suitable for all arms; for motor traffic at reduced speed, owing to stones, sharp turns, and sudden descents. There are no serious obstacles.

Water abundant throughout, sufficient for a brigade, C. G. good and spacious, notice should be given for supplies.

By Route No. 36 from Mhow (21 marches).

By Route No. 38 from Kampti (23 marches).

By Route No. XI from Jubbulpur *via* Damoh (10 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 24.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER AT SAUGOR.	C. C., 21ST L. I. BDE., JUBBULPORE.	1  9 m.	KARAPUR.—9 m. Country open and cultivated. Road metalled and good. Nalas strongly bridged. There is also a cart-track running parallel to main road. A village near the Bankri nadi. <i>Camping Ground.</i> —105,000 sq. yds. demarcated, W. of village difficult of access. Track to it from 9 m. 6 f. Better ground adjoining C. G. easier of access. Some watering facilities. <i>Water.</i> —One well E. of C. G., for animals from nalas N. of C. G. Well water clear and abundant. <i>Supplies.</i> —On notice.

### Route No. 24.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		2	BANDA.—10 m. Road (undulating) as above, b. but track from Karapur, C. G. (joins main road at 13 m. 6 f.) is rocky. Nalas are paved. Cross Bankri (fordable except after heavy rain) on starting ; at 3 m. a well ; at $8\frac{1}{2}$ m. Dilakheri.
DEPUTY COMMISSIONER AT SAUGOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	19 m.	A village. <i>Camping Ground.</i> —W. of road and S. of village, demarcated. <i>Water.</i> —Ample, from 2 wells (both 13 ft. in diameter) close to C. G. and nala $\frac{1}{2}$ m. N. of C. G. <i>Supplies.</i> —On notice.
		3	RURAWAN.—11 m. Country partly culti- b. vated for first 7 m., then scrub jungle. Road as above ; pass Tinsi at 5 m. 2 f. and a good well at 6 m. A village. <i>Camping Ground.</i> —130,000 sq. yds., on both sides of road, demarcated. <i>Water.</i> —Two wells which dry up in hot weather and nala 500 yds. W. Good water from pucca built well opposite Inspection Bungalow. <i>Supplies.</i> —On notice.
		4	SHAHGARH.—12 m. 6 f. Country hilly and p. o. interspersed with jungle ; road as above. Cross Bila nadi (dry except in rains), at 3 m. ; again at 4 m. 5 f. and at end of stage. A village.
		42 m. 6 f.	

### Route No. 24.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C. AT SAUGOR.	C. C., 21ST I. I. BDE, JUBBULPORE.	5	<p><i>Camping Ground.</i>—400×150 yds. N. of village and close to stream where cattle may be watered.</p> <p><i>Water.</i>—Two wells, 1 with trough and pulley N. of, and 2 others (private) near, C. G. Good water from well opposite Inspection Bungalow.</p> <p><i>Supplies.</i>—On notice.</p>
		50 m.	<p>HIRAPUR.—7 m. 2 f. Country hilly and jungly. Road as above. Nalas not diff. cult.</p>
		6	<p><i>Camping Ground.</i>—600×250 yds.</p>
		59 m. 6 f.	SARWA.—9 m. 6 f.
		7	
		66 m.	MULBARA.—6 m. 2 f.
		8	
		76 m. 6 f.	GULGANJ.—10 m. 6 f. <i>b., p. o.</i>
		9	
		87 m. 6 f.	MATGAON.—11 m.
		10	
P. A. IN BUNDEKHAND AT NOWGONG.	C., 20TH I. I. BDE, JHANSI.	97 m. 5 f.	CHATAPUR.—9 M. 7 f. <i>b., p. o.</i>

*See Main Route  
No. VI, Stages 37  
to 41.*

## Route No. 24.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND AT NOWGONG.		11	NOWGONG.—14 m. 4 f. Country at first b., p. o., t. s., r. s. cultivated, then low jungle; at 6 m. pass Dhamora; cross the Urmal (bridged and generally fordable) at 7 m. Here route joins No. VIII for 1 stage.
		112 m. 1 f.	
		12	ALIPURA.—10 m. 7 f. Road metalled and good. See route No. VIII, Stage 40.
		123 m.	<i>Camping Ground.</i> —420 × 380 yds.
		13	HARPALPUR.—8 m. 4 f. Country low and r. s., p. o. cultivated. Road metalled and good.
		131 m. 4 f.	A r. s. on the G. I. P. Railway, Jhansi-Manikpur section. <i>Camping Ground.</i> —Extensive site round station. <i>Water.</i> —Plentiful, good, from 2 wells near station. <i>Supplies.</i> —On notice.
		14	MAHOBA.—5 m. 6 f. Cross Kewara stream, unmetalled 1 m; always fordable except in rains. <i>Camping Ground.</i> —54,560 sq. yds., E. of village. <i>Water.</i> —11 wells (9 in village).
		137 m. 2 f.	<i>PANWARI.</i> —7 m. 2 f. Road unmetalled, flooded in rains; pass Bahadurpur 3 m. 2 f. <i>Camping Ground.</i> —26,000 sq. yds., S.-E. of village, S. Kulpahar-Panwari Road. <i>Water.</i> —27 wells (24 in village), tank.
		15	
		144 m. 4 f.	

COLLECTOR OF HAMIRPUR.

COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.

AUTHORITIES.	Civil.	Mili-tary.	No. of stage and total distance.	Route No. 24.
COLLECTOR OF HAMIRPUR.				
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.				
			16	NAKRA.—4m. Village on Kewara stream.
			148 m. 4 f.	<i>Camping Ground.</i> —58,030 sq. yds., E. road, S. village. <i>Water.</i> —Of village wells is brackish; stream.
			17	RATH.—9 m. Cross Kewara stream 4 f.; ferry p. o. b. in rains (1 small boat); metalled road. <i>Camping Ground.</i> —197,230 sq. yds. (swamp in rains) 4 f. N.-E. of town. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
			18	JARIYA.—11 m. 4 f. Pass Kamharia 3 m.; Pawai 10 m.; unmetalled. <i>Camping Ground.</i> —120 x 65 near road 2 f. E. of village. <i>Water.</i> —Wells, tanks.
			19	CHANDAUT.—11 m. Road unmetalled, cross p. o. Parwan nala 5 m. 4 f.; pass Dhangwan 6 m. <i>Camping Ground.</i> —248,050 sq. yds., S. Betwa river 2 f. W. of village. <i>Water.</i> —5 wells. r.
			20	ITAURA.—9 m. Cross Betwa river 4 f.; ferry in rains (2 boats), each 30 men; ford in dry season. <i>Camping Ground.</i> —60,000 sq. yds. 2 f. W. of village. <i>Water.</i> —Well.

### Route No. 24.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
C. OF JULAUUN (ORAI) C. OF HAMIRPUR.	COL. COMD, 20TH I. I. BDE.,	21
		196 m.

KALPI.—7 m. Town right bank Junner pon-  
toon Bridge dry season  
ferry and 5 large  
boats.  
*Camping Ground.*—400 × 300 1 m. from river on  
Orai Road.  
*Water.*—Well.  
*Supplies.*—Abundant.  
Connects with U. P. route 23.

## Route No. 25.

FROM CHHINDWARA TO PACHMARI.

*Length 86 m. 4 f.*

*8 Marches.*

*Authority and date (month and year).—Colonel Commandant Jubbulpore Brigade Area, February 1922.*

*Epitome.—General direction N.-W. from Chhindwara to Mukuli and then S. to Pachmari. Road 1st class metalled and motorable all seasons. Between Kutkuli and Pagara the ascent is steep, gradient not more than 1 in 15. After Pagara the gradients are easy. Line of telegraph all along road. Water is not plentiful on this route, and at Rani Keda has to be brought from a distance of 1½ m. to the C. G. Supplies can be obtained on notice.*

AUTHORITIES.	No. of stage and total distance.	Route No. 25.
Civil.	Mili- tary.	<p>CHHINDWARA.—From Kampti by route b., p.o., t.s., r.s. No. 38, distance 75½ m. 6 marches.</p> <p>SONAPIPRI.—12 m. Metalled road. Soil red. Cross Bodri nala and Kulbhera river, bridge, no obstacle throughout the year. A small village.</p> <p><i>Camping Ground.</i>—No good one.</p> <p><i>Water.</i>—From well, dry in hot weather; also from nala.</p> <p><i>Supplies.</i>—On notice.</p>
DEPUTY COMMISSIONER AT CHHINDWARA.	C. C., 21ST I. I. BDE., JUBBULPORE.	12 m.

## Route No. 25.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Military.		
		2	BELGAON.—9 m. Cross several nala, b. and Pench river, bridged, can be crossed throughout the year. <i>Camping Ground.</i> —One very small and poor. The other, good, at Aukhawari, $1\frac{1}{2}$ m. from Belgaon towards Tamia, near the road. <i>Water.</i> —From wells. Water at Aukpawari has to be got from river, which dries up in hot weather. <i>Supplies.</i> —On notice.
DEPUTY COMMISSIONER AT CHHINDWARA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	21 m.	TAMIA.—14 m. Road as above. A small village. <i>Camping Ground.</i> —Not good, and small. <i>Water.</i> —From a well and spring close by, water good. <i>Supplies.</i> —On notice.
		3	DELBAKHARI.—11 m. A large village. <i>Camping Ground.</i> —Not very good, but better than at Tamia. <i>Water.</i> —From well close by. <i>Supplies.</i> —On notice.
		4	RANI KHEDA.—12 m. Road as above. A few huts and no well.  No village. <i>Camping Ground.</i> —No regular camping ground.
		5	
		58 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 25.
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.			<i>Water.</i> —From Dhudhar nala $1\frac{1}{2}$ m. off, towards Delbakheri. <i>Supplies.</i> —On notice.
		6	MUTKULLI—11 m. Road as above. A fair sized village.
		69 m.	<i>Camping Ground.</i> —E. of village and about $\frac{1}{2}$ m. N. of Danwa river. <i>Water.</i> —From pakka well 70 feet deep, disturbed at intervals, water deficient in hot weather, S. of C. G. <i>Supplies.</i> —On notice.
		7	PAGARA.—10 m. Country rough and jungly. Road 18 feet wide and metalled. The ascent is steep, gradients not more than 1 in 15. Cross the Danwa (submerged bridge), then over low ridge of hill (not difficult) and pass Singanama ( <i>b</i> ) at 4 m. A small village. <i>Camping Ground.</i> —W. of road and N. of village. <i>Water.</i> —Plentiful, good, from perennial springs, 1 being S. of C. G. <i>Supplies.</i> —From Pachmarhi on notice.
		79 m.	
		8	PACHMARHI.—7 m 4 f. Country hilly and jungly. Road metalled and good. Gradients easy. A cantonment.
		86 m. f. 4	

### Route No. 26.

FROM HATWAS OR PIPARIA TO PACHMARHI.

*Length 33 m.*

*4 Marches.*

*Authority and date (month and year).*—Colonel Commandant, Jubbulpore Brigade Area, January 1922.

*Epitome.*—Between these places, during heavy rain, a mountain stream floods the road and stops traffic not more than 4 hours. Otherwise metalled and motorable. Between Mutkuli and Pagara the ascent is steep, gradients of 1 in 12 to 1 in 15 in places. Water, for 2 battalions throughout. Supplies can be obtained on notice.

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 26.</b>
Civil.	Mili- tary.		
D. C., HOSHANGABAD.	C. C., 21ST I. I. BDE, JUBBULPORE	1	HATWAS.—From Jubbulpore to Hatwas b., p.o., t.s., r.s. (12 marches) by route No. XII; Piparia r. s. on Great Indian Peninsula Railway is 1 m. S. of Hatwas by a good unmetalled road. From Piparia a good metalled road. Country undulating and cultivated.
		8 m.	DUKREKERA.—8 m. A small village.
			<i>Camping Ground.</i> —E. of road and village.
			<i>Water.</i> —For 2 battalions, from a well S. of C. G.
			<i>Supplies.</i> —On notice. Road as above. See Route No. 41.
		2	MUTKULL.—7 m. 4 f.
		15 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
D. C., HOSHANGABAD.		3
C. C., 21ST I. I. 21ST BDE., JUBBUL- PORE.		25 m. 4 f. §

PAGARA.—10 m.

PACHMARHI.—7 m. 4f.

33

## Route No. 26.

Road as above. See  
Rou Route No. 41.

**Route No. 27.**

FROM BORAI TO JUBBULPORE.

*Length 337 m. 7 f.**26 Marches.**Authority and date (month any year),—Colonel Commandant,  
21st I. I. Bde, February 1922.**Epitome.—General direction N.-N.-W. The following portions of this route are motorable :—*

Mungeli	..	..	Mandla.
Nandhat	..	..	Raipur.
Raipur	..	..	Dhumtari.

*The following are not motorable in the rains at present :—*

Mungeli	..	..	Nandghat.
Dhamtari	..	..	Borai.

*Note.—Gata Sili to Dhamtari is motorable from 1st January to 1st June.**The road from Mandla to Jubbulpore is metalled throughout and is motorable in all weathers. There are some nalas, crossed by causeways, which become impassable for short periods (4 hrs.) immediately after heavy rain.*

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., RAIPUR.	D. C., 21ST I. BDE., JUBBULPORE.	1	BORAI.—A small village. <i>b.</i> <i>Camping Ground.</i> —Shady, on road. <i>Water.</i> —Poor supply from one well. <i>Supplies.</i> —Scarce. From Kundai (Route 88, Volume IX of 1912) 4 m.
O. C., 21ST I. BDE., JUBBULPORE.		10 m.	SITANADI.—10 m. Road a jungle cart-track. Country rocky. Cross some nalas dry in November.

**Route No. 27.**

## Route No. 27.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
D DEPUTY COMMISSIONER, RAIPUR.	OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBRULPUR.	No village, nearest 7 m. away. <i>Camping Ground.</i> —Small, surrounded by thick jungle. <i>Water.</i> —A river; this dries up in January, when water is obtained by digging in the bed. <i>Supplies.</i> —Available from Schawa.
		2
		23 m.
		3
		35 m. 4 f.
		4
		44 m.
		5
		30 m. 4 f.

SEHAWA.—13 m. Road partly moorumed b., p.-o. and crossings metalled. Black cotton A large village. soil.  
*Camping Ground.*—Good and shady.  
*Water.*—Tanks and wells.  
*Supplies.*—Ample.

GUTTASILLI.—12 m. Road as above. b. 4 f. Cross several nala, dry after monsoon. A small village.  
*Camping Ground.*—Good.  
*Water.*—From large tank and wells.  
*Supplies.*—From Sihawa and Birgud on notice.

DOKAL.—8 m. 4 f. Road as above. A small village.  
*Camping Ground.*—On road.  
*Water.*—Obtainable.  
*Supplies.*—Few.

BANAROD.—6 m. 4 f. Road partly metallled partly moorumed. Cross Siler river. A small village.

## Route No. 27.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	6	<p><i>Camping Ground.</i>—On road.</p> <p><i>Water.</i>—From well and nala.</p> <p><i>Supplies.</i>—From Bhamtari on notice.</p> <p>DHAMTARI.—11 m. Road moorumed b., p.-o., t.-s., r.-s. and bridged. Cross Mahanadi river.</p> <p>Ferry and temporary crossings Mahandi river mother crossings raised causeways.</p> <p>At 2 m. Kohrel. A large town. Railway to Raipur.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—From wells and tanks.</p> <p><i>Supplies.</i>—On notice. A large bazar here.</p>
		7	<p>BHATGAON.—17 m. Road metalled and l.-t., s.-a. bridged. At 1 m. old road to Raipur branches off; 3½ m. Samalpur; at 5½ m. cross railway; at 8 m. Sarsonpuri r.-s.; at 11½ m. Dansura; at 15½ m. cross railway.</p> <p><i>Camping Ground.</i>—Good.</p> <p><i>Water.</i>—Two tanks.</p> <p><i>Supplies.</i>—On notice. from Kurudh Railway Station and Dhamtari.</p>
		8	<p>ABHANPURA.—13 m. 4 f. Road as above b., p.-o., t.-s., r.-s. Country black cotton soil.</p>
		92 m.	

AUTHORITIES.			No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.			
DEPUTY COMMISSIONER, RAIPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBRUPORE.			At 1 m. Muradh ; at 4 m. Kullei, at 7 m. Durba ; at 8 m. Chatoud ; at 9 m. Charapur ; at $10\frac{1}{2}$ m. Chotade. A village with police station. <i>Camping Ground.</i> —Near village. <i>Water.</i> —From tanks. <i>Supplies.</i> —On notice, from Raipur.
			9	RAIPUR.—17 m. 4 f. Road as above. Country open.
			109 m. 4 f.	A civil station ; Headquarters of district ; population 32,114 ; on Bengal-Nagpur Railway. <i>Camping Ground.</i> —S. of town. <i>Water.</i> —Abundant. One Public Works Department well. <i>Supplies.</i> —Abundant at 2 days' notice. By Route VII from Nagpur (18 marches) and to Dum-Dum (45 marches).
			10	DHARSEWA.—12m. Road metalled and bridged. Country flat and cultivated.
			121m.	A small village, surrounded by a mud wall, $\frac{1}{2}$ m. W. of the road. Police station and P. W. D. hut.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, RAIPUR.	DEPUTY COMMISSIONER, RAIPUR.	11	<b>Route No. 27.</b>
DEPUTY COMMISSIONER, BILASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	137 m.	<i>Camping Ground.</i> —Good. <i>Water.</i> —2 tanks; no other water available. <i>Supplies.</i> —On notice from Raipur.
12			SIMGA.—16 m. Road as above. <i>b. r. o. t. s.</i> A large village, Police station and P. W. D. bungalow. A road to Tilda Rly. Station (B. N. R.).
150 m. 3 f.			<i>Camping Ground.</i> —Near Police Station. <i>Water.</i> —Plentiful, from rivers and tanks. <i>Supplies.</i> —On notice.
13			NAND GHAT.—13 m. 3 f. Road unmettled, very bad from m. 4 to m. 11. Country as above. At 5 m. Chanderi; 2 at 7 m. Dana-kheri; cross Sheonath river at end of stage. A small village. <i>Camping Ground.</i> —In fair condition. <i>Water.</i> —From river. <i>Supplies.</i> —On notice. By route 83 to Bilaspur (3 marches).
165 m. 3 f.			PANDARBHATA.—15 m. Road unmettled in bad repair. Country as above. Cross Ghora at 6 m. 3 f. and 8 m. 2 f. A very small village. <i>Camping Ground.</i> —Nil. <i>Water.</i> —Moderate quantities from two small tanks. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Military.		
D. C., BILASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.	14	MUNGELI.—8 m. Road as above. Cross Tesna nala at 2 m., bad approaches. <i>Camping Ground.</i> —On roadside W. of village, good. <i>Water.</i> —Good and ample for 2 battalions, and 1,800 animals from Agar river; no wells. <i>Supplies.</i> —On notice. By route 44 to Bilaspur, 3 marches.
		173 m. 3 f.	PENDRI-KUNDA.—15 m. Made road. A village. <i>Camping Ground.</i> —None demarcated, but a mango tope, at Kund, close to Pendari, is available (120×100 yds). <i>Water.</i> —Good and plentiful from Hap river. <i>Supplies.</i> —Must be collected.
		15	BORLA.—15 m. 4 f. Road as above. A fair-sized village. <i>Camping Ground.</i> — <i>Water.</i> —Abundant from tanks. <i>Supplies.</i> —Sufficient for one battalion.
		188 m. 3 f.	
		16	RAJADHAR.—20 m. 1 f. The Ghat is 5 m. b. long, gradient throughout passable by guns. Dense jungle and rocky hills on either side. Cross the Phen river and several nalas unbridged. Ascend Chilpi Ghat. A small village at head of Chilpi Ghat.
		203 m. 7 f.	
		17	
		224 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, MANDLA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		
		18	<i>Camping Ground.</i> —On left bank of Phen river under sal trees. <i>Water.</i> —Abundant from river. <i>Supplies.</i> —Can be collected.
		237 m. 5 f.	MOTINALA.—13 m. 5 f. Cross the Behir river b., p.o. and some nala unbridged. A fair road. A small village with police station. <i>Camping Ground.</i> —Under a group of sal trees near b. <i>Water.</i> —From wells and nala. <i>Supplies.</i> —Can be collected.
		19	BICHHIA.—15 m. 3 f. Cross the Palparha, the Halon, and Tala and several nala, unbridged, exapt Halon River which is bridged near Dak Bungalow. A fair-weather road. A small village. <i>Camping Ground.</i> —Near Dak Bungalow. <i>Water.</i> —From well, nala and river. <i>Supplies.</i> —Can be collected.
		20	ANJANIAN.—12 m. 2 f. Country undulating b. Cross the Chikan river and all nala, bridged. Road metalled first four miles to Mandla. A small village. The Surpon river close by <i>Camping Ground.</i> —N. of road, close to b.

AUTHORITIES.	Civil.	Mili- tary.	No. of stage and total distance.	
DEPUTY COMMISSIONER, MANDLA.				Route No. 27.
OFFICER COMMANDING, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.				
				Water.—Abundant. Supplies.—On notice.
			21	MANDLA.—12 m. 4 f. Country jungly. There <i>p.-o., t.-s., r.-s.</i> are 2 alternative routes. One by crossing the Narbada by ferry and the other by crossing the Banjan by a tempy. bridge and the Narbada by a pucca submerged bridge just below Mandla. The former avoids the Banjan and in the best route during rain—(June to December)—the latter is open from December to June. All nallas between Anjanian and Mandla bridged. Road as above.
			277 m. 6 f.	A large town on the Narbada river. Head- quarters of districts. The Banjar river joins the Narbada here. Country populous and cultivated. A ferry on the Narbada, and Banjar, rivers in the rains. <i>Camping Ground.</i> —In the civil station about 1 m. from the town. Water.— } <i>Supplies.</i> — } Plentiful.
			22	GWARI.—10 m. Cross Phulsagar nala and many others, all bridged. Road metalled and bridged. A small village. <i>Camping Ground.</i> — Water.—Abundant. Supplies.—Procurable.
			257 m. 6 f.	

### Route No. 27.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D.C., JUBBULPORE.	DEPUTY COMMISSIONER, MANDLA.	23	TIKARIA.—16 m. Country covered with jungle. Cross the Babacha, Lalipur and the Balai rivers and many <i>nalas</i> , bridged, except last one, where there is a submerged bridge which becomes impossible during heavy rain for a few hours. Road as above. A village. <i>Camping Ground.</i> —183,920 sq. yds. on N.-E. of road. <i>Water.</i> —From perennial spring and 2 wells (good). <i>Supplies.</i> —Procurable.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		303 m. 6 f.	DHANVAL.—9 m. 4 f. Road as above. At 2 m. begin ascent of Kalpi ghat ( $3\frac{1}{2}$ m. long; at 6 m. Kalpi tank. A small village. <i>Camping Ground.</i> —260 $\times$ 80 yds. N.-E. of road at entrance to village. <i>Water.</i> —Plentiful and good, from a well 100 yds. W. of, and (for animals) from the Hingna, 2 m. from C. G. (nearly dry in hot weather, as are the wells). <i>Supplies.</i> —Procurable.
		24 313 m. 4 m.	BARELA.—14 m. 7 f. Country undulating p.-o. and jungly. Road as above. Cross Hingna at 1 m. 7 f. by a submerged bridge which becomes impassable during heavy rain for a few hours. At 9 m. descend Nagar Pahar Ghat ( $2\frac{1}{2}$ m. long).
		25 328 m. 3 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 27.
Civil.	Mili- tary.		
D. C., JUBBULPORE.	C. C., 21ST I. BDE., JUBBULPORE.		<p>A large village.  <i>Camping Ground.</i>—300 yds. S. of road near village and 500 yds. S. of tank where animals may be watered.  <i>Water.</i>—Plentiful and good, from 2 wells.  <i>Supplies.</i>—Abundant.</p>
		26	JUBBULPORE.—9 m. 4 f. Road as above. <i>b., p.-o., t.-s., r.-s.</i> Cross Gaur river $5\frac{1}{4}$ m. A submerged bridge impassable during heavy rains for a few hours.
		337 m. 7 f.	<p><i>Camping Ground.</i>—Near Khera 3 f. S.-W. of Road.  <i>Water.</i>—Plentiful and good from Gaur River.</p>
			Marches.
			By Route VI to Lucknow .. 30
			“ “ XI to Nasirabad .. 42
			“ “ XII to Mhow .. 32
			“ “ and Ahmedabad .. 52

**Route No. 28.**

FROM MUNGELA TO SAMBALPUR.

*Length 176 m.**15 Marches.*

This route connects Jubbulpore with route No. VII.

*Authority and date.*—Under orders of Colonel Commandant, Jubbulpore Area (December 1921).

*Epitome.*—General direction S.-E. Road motorable in all Seasons from Mangela to Bilaspur. From Bilaspur to Seorinaraain road moorumed—the first 7 miles being metalled but owing to Arpa River at mile 8 and the Lillagarh Nalla at mile 16 from Bilaspur not being bridged this road is not motorable in the rains. Water everywhere abundant; supplies on notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 28.
Civil.	Mili- tary.		MANGELA.— Junction of routes 27 and 28. From Jubbulpore 12 marches.
DEPUTY COMMISSIONER, BILASPUR.		1 13 m.	TAKHATPUR.—13 m. Road metalled. <i>p. o.</i> Country open and cultivated villages. <i>Camping Ground.</i> — $3\frac{1}{2}$ acres: on left bank of Manjan River E. of village. <i>Water.</i> —For 3 Battalion and 2000 animals from Mae ari River. No wells. <i>Supplies.</i> —On notice.
COL COMDT, 21ST I. I. BDE, JUBBULPORE.		2 22 m.	KATTAKONI.—9 m. Cross Agar river and Rahen Nulla. Road mealled. A small village.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, BILASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPORE.		<b>Route No. 28.</b>
		3	<i>Camping Ground.</i> —No regular C. G. but a Mangoe Tope (300 yds. $\times$ 200 yds.) available N.-E. of village and E. of road. <i>Water.</i> —Plentiful and good from masonry well (5 ft. diameter) and river Ghongay 120 yds. from C. G. <i>Supplies.</i> —On notice.
		31 m.	BILASPUR.—9 m. Cross small stream called b., p. o., t. s., r. s. Narbudda, Civil station and town.
		4	<i>Camping Ground.</i> —E. of town. <i>Water.</i> —Abundant and good from wells and Arpa river. <i>Supplies.</i> —Abundant. By routes 41 and 27 to Raipur (7 marches).
		41 m.	MASTORI.—10 m. Country open and cultivated. Village.
		5	<i>Camping Ground.</i> —No regular ground but ground available (700 yds. $\times$ 200 yds.) without shade S.-E. of village. <i>Water.</i> —Bad, from masonry well and tank S.-W. of roads. <i>Supplies.</i> —Limited must be collected.
		55 m.	RAMGARH.—14 m. A small village. p. o. <i>Camping Ground.</i> —Close to road and S. of village.

### Route No. 28.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, BLASPUR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULTORE.		<i>Water</i> .—Good from well 7 ft. deep close to Police station and large tank. <i>Supplies</i> .—Limited, must be collected.
		6 70 m.	<i>SEONINARAIN</i> .—15 m. Country as above. Village. <i>Camping Ground</i> .—To W. close to road on bank of Mahanadi river. <i>Water</i> .—Abundant from Mahanadi river. <i>Supplies</i> .—On notice.
		7 82 m.	<i>BIRRA</i> .—12 m. Small village. <i>Camping Ground</i> .—On road side W. of village. <i>Water</i> .—Good and abundant from tank 100 yds. from C. G. <i>Supplies</i> .—On notice.
		8 94 m.	<i>HOSSODE</i> .—12 m. Village. <i>p. o.</i> <i>Camping Ground</i> .—Close to road and E. of village. <i>Water</i> .—Plentiful and good from nalla $\frac{1}{2}$ m. from C. G. <i>Supplies</i> .—On notice.
		9 106 m.	<i>DUBERA</i> .—12 m. Cross Mand River unbridged near C. G. Ferry boats available carrying 15 men at a time up to 31st December. Thereafter river fordable till July. Country open and cultivated.

## AUTHORITIES.

Civil.

Mili-  
tary.No.  
of  
stage  
and  
total  
distance.

## Route No. 28.

DEPUTY COMMISSIONER, SAMBALPUR.

GENERAL OFFICER COMMANDING, PRESIDENCY AND ASSAM DISTRICT.

10  
118 m.11  
128 m.12  
140 m.

*Camping Ground.*—W. of village.  
*Water.*—Plentiful and good from wells in village and a tank for animals.  
*Supplies.*—On notice.

CHANDERPUR.—12 m. A large village left bank of Mahanadi river.

*Camping Ground.*—On R. band of Mand river.  
 $1\frac{1}{2}$  m. distant.  
*Water.*—Abundant from Mand river.  
*Supplies.*—On notice.

PODIGAON.—10 m.

*Camping Ground.*— $1\frac{1}{2}$  m. distant on bank of Mahanadi River.

*Water.*—Abundant and good from Mahanadi river.

*Supplies.*—On notice.

PUDDAMPUR.—12 m. Cross few nala unbridged. Small ferry boats carrying 8 men available.

*Camping Ground.*—W. of village on left ban of river.

*Water.*— } As above.  
*Supplies.*— }

AUTHORITIES.		No. of stage and total distance.	Route No. 28.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, SAMBALPUR.	GENERAL OFFICER COMMANDING, PRESIDENCY AND ASSAM DISTRICT.	13 154 m.	RAMPOLUGA.—14 m. Country cultivated. Cross river, unbridged. Ferry boat carrying 12 men available. Small village. <i>Camping Ground.</i> —South of village. <i>Water.</i> —Abundant and good from tank about $\frac{1}{2}$ m. E. of village. <i>Supplies.</i> —On notice.
		14 164 m.	BODTANG.—10 m. Moderate sized village. Cross Ebb river at 8 m. Country open and cultiva ed. <i>Camping Ground.</i> —S. of road. <i>Water.</i> —Good and abundant from Mahanadi river. <i>Supplies.</i> —On notice.
		15 176 m.	SAMBALPUR.—12 m. A small cantonment b., p. o., t. s., r. s. and large native city. On main route VII. <i>Camping Ground.</i> —Near city. <i>Water.</i> —Abundant. <i>Supplies.</i> —To Cuttack, (main route V) 25 marches.

**Route No. 29.**

FROM SABALGARH TO GWALIOR.

*Length 59 m. 4 f.**5 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction E. The road is for the most part a fair-weather cart-track, but in parts quite impassable by carts, water very scarce for a great part of the road, and supplies can only be collected with difficulty in places. The road is quite unsuitable for any large body of troops, and a better route would be *via* Agra by Route No. X, 33, and IX.

AUTHORITIES.		No. of stage and total distance.	Route No. 29.
Civil.	Mili- tary.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		<p>SABALGARH.—Road from Karauli bad b., p. o., t. s., r. s. and impracticable for carts, crossing many <i>nalus</i>; a guide would be necessary. Country rocky and cut up by ravines. Cross Chambal (deep and unfordable) by ferry, 6 boats, each carrying 8 men. A station on the Gwalior light railway, which runs from Gwalior to Cheopur Kalan. This route follows the line of the railway into Gwalior. Connects with S: R. Districts Route 51.</p> <p>A town with large fort.</p> <p>Hills S. of road, quite close.</p> <p><i>Camping Ground.</i>—125,900 sq. yds. N. of town and 130 yds. W. of b., partly enclosed by small stream.</p> <p><i>Water.</i>—Good, for a battalion, from a well 200 yds. N. of C. G.</p> <p><i>Supplies.</i>—Procurable.</p>

### Route No. 29.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1  14m. 4f.	KELARAS.—14 m. 4 f. Road metalled. <i>b., p. o., t. s., r. s.</i> Pass Kaodoli at 4½ m., and cross Kaori river by iron bridge at end of stage. A large village on right bank of Kaori river. <i>Camping Ground.</i> —400 × 120 yds. at the foot of a hill ¼ m. E. of village. <i>Water.</i> —Good, for a battalion, from well in a garden E. of C. G. <i>Supplies.</i> —On notice.
		2  26m. 4f.	JAURA.—12 m. Country and road as above. <i>b., p. o., t. s., r. s.</i> Cross a branch of Kaori en route by an iron bridge. <i>Camping Ground.</i> — <i>Water.</i> —For a battalion from well in centre of C. G. <i>Supplies.</i> —On notice.
		3  34m. 4f.	SIMAULLI.—8 m. Road unmetalled, sandy <i>t. s., r. s.</i> in places. Cross Asan generally fordable; at 5 m. A large village with fort. <i>Camping Ground.</i> — <i>Water.</i> —Good, for a battalion, from well in Fakir's garden W. of C. G. <i>Supplies.</i> —Procurable.
		4  44m. 4f.	PAHARI.—10 m. Road as above. Cross small branch of Asan river, fordable except after heavy flood at 4 m.

AUTHORITIES.		No. of stage and total distance.	Route No. 29.
Civil.	Military.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JHANSI.	5 59m. 4f.	<p>A village.  <i>Camping Ground.</i>—260 × 190 yds. 3 m. W. of Bamourgaon <i>r. s.</i>  <i>Water.</i>—Good, for battalion, from well 250 yds. N.-W. of C. G.  <i>Supplies.</i>—Scarce.</p> <p>GWALIOR.—15 m. Road as above until b., <i>p. o.</i>, <i>t. s.</i>, <i>r. s.</i> it joins the Gwalior-Agra road at Bamourgaon <i>r. s.</i> on Route No. IX from Mhow (27 marches) to Agra (6 marches). Gwalior <i>r. s.</i>, <math>\frac{1}{2}</math> m. to N.  <i>Camping Ground.</i>—400 × 375 yds. very good. (Nowlaka parade ground).  <i>Water.</i>—From 2 wells.  <i>Supplies.</i>—All kinds procurable.</p>

## Route No. 30.

FROM DHAISGAON ON ROUTE III *via* KHANDWA TO HARDA ON ROUTE XII.

*Length 79 m. 7 f.*

*7 Marches.*

*Authority and date (month and year).—*

*Epitome.—Direction S.E. to Khandwa, thence N.E. A good metalled road as far as Khandwa, thence a made road, running parallel to Great Indian Peninsula Railway.*

AUTHORITIES.		No. of stage and total distance.	Route No. 30.
Civil.	Mili- tary.		DHAISGAON.—On route III from Fort St. George to Mhow.
		1	KHANDWA.—14 m. 5 f. Road Metalled ; b., p. o., t. s., r. s. follows Route III as far as Chaigaon Makha 5 m. 3½ f. At 9 m. 5½. Chegam Debi.
D. C. NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	14 m. 5 f.	Headquarters of Nimar district. Junction of Great Indian Peninsula Railway with Malwa Section of B., B. & C. I. Rly. <i>Camping Ground.</i> —Barracks N. of town. <i>Water and Supplies.</i> —Plentiful.
		2	JAWAR.—10 m. 2 f. A made cart-road, t. s., r. s. good in fair weather, winding through hills, ravines and thick jungle, partly bridged. 4 m. 7 f. pass Sehara, after which thick jungle begins. A small village.
		24 m. 7 f.	

### Route No. 30.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., HOSHUNGABAD.	D. C., NIMAR, AT KHANDWA.		<i>Camping Ground.—N.</i> <i>Water.—Abundant, from wells.</i> <i>Supplies.—A few shops.</i>
	GENERAL OFFICER COMMANDING, C. P. DISTRICT.	3	BIR.—11 m. 1 f. Road as above. At 5 m. <i>r. s.</i> 3 f. Pipra river ; at 6 m. Khygaon ; at 7 m. 1 f. Palsud. Thick jungle all the way. <i>Camping Ground.—Good.</i> <i>Water.—Abundant, from wells.</i> <i>Supplies.—Moderate.</i>
		36 m.	HARSOD.—13 m. 5 f. Country thick <i>b., p. o., t. s.</i> jungle. A made cart- road. At 7 m. Ghisur ; at 8½ m. Tawa river, at 13 m. Amakhel nala. <i>Camping Ground.—On bank of Amakhel nala, neither demarcated nor cleared.</i> <i>Water.—Abundant, from wells and nala.</i> <i>Supplies.—Nil. Bazar Mondays.</i>
		4	CHIPABAR.—10 m. 1 f. Country open and <i>p. o., r. s., (KHIR-</i> cultivated. A made KIAN 1½ m.) road at 1½ m. Kalim- achak river ; at 4 m. Piplani <i>r. s.</i> , at 5 m. cross river by bridge ; at 8 m. Pokhami N. of road ; at 9½ m. Goraghat nala. <i>Camping Ground.—400 yds. N.-W., not demarcated.</i> <i>Water.—From wells, for 200 men only. Between August and March, 2 tanks, one fit for human consumption.</i> <i>Supplies.—For one battalion.</i>
		49m. 5f.	
		5	
		59m. 6f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., HOSHUNGABAD.	G. O. C. C. P. DISTRICT.	6	MANDLA.—6 m. 5 f. Country open and r. s. ( $1\frac{1}{2}$ m.) cultivated. Made road. At $4\frac{1}{2}$ m. Ekguria to right and Mahal, to left.
		66 m. 3f.	<i>Camping Ground.</i> —400 yds. S.-W. on bank of Machar river, extensive, demarcated. Water.—Abundant, from river and wells. Supplies.—A few shops.
		7	HARDA.—13 m. 4 f. Country open. A b., p. o., t. s., r. s. made road. Cross several streams unbridged. At $1\frac{1}{2}$ m. Barangi r. s., at $2\frac{1}{2}$ m. Barangi ; at 4 m. Kankoria ; at $6\frac{1}{2}$ m. Musangaon ; at 7 m. Didla nala ; at 11 m. Kurola ; at $11\frac{1}{2}$ m. Midkul river 100 yds. wide, at $12\frac{1}{2}$ m. Anjan river. Harda is a town on Route XII. See Route XII, stage 4.
		79 m. 7f.	

**Route No. 31.**

FROM GOONA TO JHANSI.

Length 104 m. 6 f.

9 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N.E. Road for most part neither metalled nor bridged, but practicable for all arms and wheeled transport, except in rainy season. Water for 1 battalion, and supplies on notice. The route is alternative to route No. VIII, by which distance from Goona to Jhansi, *via* Sipri, is 123 m.

By Route No. VIII from Mhow (16 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 31.
Civil.	Mili- tary.	1  17 m. 6 f.	MIANA.—17 m. 6 f. Follows Route No. VIII until nearing Miana. The road neither metalled nor bridged, but passable for all arms. A small town with fortress. <i>Camping Ground.</i> —750,000 sq. yds. <i>Water.</i> —Good for a Batn. from wells and stream (dry in hot weather) near village. <i>Supplies.</i> —Plentiful.
RESIDENT, Gwalior.  COL. COMDT., 20TH I. I. BDE., JHANSI.		2  27 m. 6 f.	KALABAGH.—10 m. Country undulating with open jungle. Road as in last part of 1st stage. Cross the Sind (fordable but difficult) about half way. A small village. <i>Camping Ground.</i> —Small, near village and road. <i>Water.</i> —Good, for a Batn. from well on C. G. <i>Supplies.</i> —On notice.

## Route No. 31.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT, GWALIOR.	COL. COMDT., 20TH L. I. BRIGADE, JHANSI	3	RAMGARH.—12 m. Country level and partly cultivated. Road as above. <i>Camping Ground.</i> —Small, near village. <i>Water.</i> —Good, but limited from spring and wells close to village. <i>Supplies.</i> —Must be collected.
		39 m. 6f.	
		4	BARAPAHARA.—11 m. Country and road as above. A small village. <i>Camping Ground.</i> —Near village. <i>Water.</i> —Plentiful, but indifferent, from Ahair stream close to village. <i>Supplies.</i> —Scarce.
		50 m. 6f.	
		5	MEJAPOOR.—12 m. Country hilly and partly cultivated. Road not good. Between 10 and 11 m. descend Mejapoor Ghat, short but very stony. Ford the Mohwar en route. A village. <i>Camping Ground.</i> —Close to village. <i>Water.</i> —Plentiful and good, from wells and Mohar stream near village. <i>Supplies.</i> —Nil.
		62 m. 6f.	
		6	PACHORE.—12 m. Road good but p. o. unmetalled. <i>Camping Ground.</i> —150,000 sq. yds. N.-W. of village. <i>Water.</i> —From tank to S. and two wells. <i>Supplies.</i> —
		74 m. 6f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR, JHANSI.	COL. COMDT., 20TH I. BDE., JHANSI.	7 86 m. 6 f.	LALONCH.—12 m. Road as above but may need repair. Tank at Panhari 9 m. <i>Camping Ground.</i> —S. of village. <i>Water.</i> —Four wells with trough, each watering 10 horses at a time.
		8 98 m. 6 f.	BILORA (OR BITHORA).—12 m. Road good. <i>Camping Ground.</i> —½ mile S. of village. <i>Water.</i> —5 wells.
		9 104 m. 6 f.	JHANSI.—Road good. <i>Supplies.</i> —Nil. See route VIII, Stage 34. From here by route 84 to Cawnpore.

**Route No. 32.**

FROM GOONA TO TIKAMGARH TEHRI.

Length 110 m. 4 f.

11 Marches.

Authority and date (month and year).—

*Epitome.*—General direction E. by N. As far as Lalipur it is a cart-track, impracticable in rains. From Lalipur a metalled road. Water and supplies for a battalion.

This route connects route No. VIII, 22 and 36.  
By route VIII from Mhow (16 marches.)

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT, GWALIOR.	COL. COMDT., 20TH I. I. BDE., JHANSI.	1 13 m.	PINIGHATI.—13 m. Country undulating and jungly. Road unmetalled, impracticable for carts in rains. Pass Pagara railway station at $9\frac{1}{2}$ m. and cross Sind by ford at end of stage. A very small village on right bank of Sind river. The railway passes near village.
		2 20 m.	Camping Ground.—12,000 sq. yds. about 250 yds. from village and road. Water.—Abundant, from well on C. G. Supplies.—Must be collected.
			SHAHDAURA.—7 m. Road very roughly p. o., t. s., r. s. metalled. Country as above. A large village with an old ruined fort. Camping Ground.—137,280 sq. yds. close to road and village.

### Route No. 32.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
RESIDENT, GWALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
		3	Water.—Plentiful and good from 2 wells, one on and 100 yds. from camping ground. <i>Supplies.</i> —Procurable.
		30 m.	PACHORE.—10 m. Country level and b., p. o., t. s., p. s. mostly cultivated. A (TUMAIN). fair cart-road. A village with small fort. <i>Camping Ground.</i> —Close to village and railway station. Water.—Plentiful and good from wells near C. G. <i>Supplies.</i> —On notice. A metalled road runs N. from N. Pachar to Isagarh, 33 m.
		4	AMROD.—10 m. Country as above. Road a mere track impassable for carts in rains. A small village. <i>Camping Ground.</i> —Close to village and road. Water.—For a battalion, from well $\frac{1}{2}$ m. from camping ground. <i>Supplies.</i> —Must be collected.
		50 m.	THOBAN.—10 m. Road unmetalled, and although raised and bridged, impassable in rains. A small village. <i>Camping Ground.</i> —S. of road near Lilar river. Water.—Fair, from the Lilar close to village. <i>Supplies.</i> —Scarce.

### Route No. 32.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR, JHANSI.	RESIDENT, GWALIOR.	6	CHANDERI.—11 m. At 1½ m. cross Betwa b., p. o. river. Country undulating and jungly. Road as above, not well bridged, and impracticable for carts in the rains. River Betwa forms boundary of Gwalior State and is crossed by long causeway of rough stones, under water in rains. Road from Chanderi to river Betwa is metalled. A large village with hill fort.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		61 m.	<i>Camping Ground.</i> —200×200 yds. close to road and village. <i>Water.</i> —Plentiful and good from several wells near camping ground. <i>Supplies.</i> —Procurable.
		7	SARWARO.—9 m. Road a rough unmetalled (OR RAJ GHAT). led track, but passable for carts, badly bridged. A very small village near Betwa. <i>Camping Ground.</i> —Large, near river. <i>Water.</i> —Fair, from river. <i>Supplies.</i> —Procurable at Kailwara (1½ m.).
		8	LALITPUR.—12 m. Road as above. On b., p. o., t. s., r. s. route No. 22 from Kampti (30 marches) and Saugor (7 marches) to Jhansi (6 marches) and Gwalior (12 marches). <i>Camping Ground.</i> —27,280 sq. yds. demarcated. Near town, on Jhansi road. <i>Water.</i> —Plentiful, good, from a well (sometimes dry in November) and a nala ¼ m. from camping ground. <i>Supplies.</i> —Abundant.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A. IN BUNDELKHAND, AT NOWGONG.	COLLECTOR, JHANSI.	9 94 m. 6 f.	GUGARWARA.—12 m. 6 f. Road unmetalled ; bridges over nalas ; at $\frac{1}{2}$ m. and 9 m. impassable in rain. A village. <i>Camping Ground.</i> —Both sides of road. <i>Water.</i> —Plentiful from Sajnam river, 600 yds. S. of road and well. <i>Supplies.</i> —Procurable.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		10 104 m. 2f.	BANPUR.—9 m. 4 f. Country jungly. Road as above. Cross Utmai Nadi. A large village. <i>Camping Ground.</i> — $\frac{1}{4}$ m. W. of village. <i>Water.</i> —From wells. <i>Supplies.</i> —Plentiful.
		11 110 m. 4f.	TIKAMGARH-TEHRI.—6 m. 2 f. Country b. p. r. and road as above. Cross Jamna Nadi in this stage, passable except in rains. A large, well-built town with fort. <i>Camping Ground.</i> —16,000 sq. yds., 600 yds. N.-E. <i>Water.</i> — <i>Supplies.</i> —Plentiful ; also grass available on notice. On route No. 36, from Saugor (7 marches) to Mau (4 marches).

**Route No. 32(a).**

FROM GOONA TO TIKAMGARH-TEHRI.

ALTERNATIVE ROUTE TO 32.

Length 120 m. 2 f.

11 Marches.

Authority and date (month and year).—

Epitome.—Stages 9 to 11. Road bridged and metalled. Bridges, in rains, sometimes impassable for 2 or 3 days at a time.

AUTHORITIES.		No. of stage and total distance.	Route No. 32(a).
Civil.	Mili- tary.		(As in Route 32.)
COLLECTOR, JHANSI.	COLONEL COMMANDANT, 26TH I. I. BRIGADE, JHANSI.	1 to 8 stages.	KHITWANS.—12 m. Road metalled and bridged. At $\frac{1}{2}$ m. cross Shahzad river, by bridge. Pass Masaura Kalan $3\frac{1}{4}$ m. and Mirchwara 7 m. D. B. at $10\frac{3}{4}$ m.
		83 m. 9	Camping Ground.—No regular ground, but plenty of space.
		95 m.	Water.—From 3 wells, 2 in village.
		10	Supplies.—On notice.
		107 m.	MAHRONI.—12 m. Road as above. Wells p. o. t. o., tahsil at 2 m., $4\frac{1}{2}$ m., hqrs. $4\frac{3}{4}$ m., $6\frac{1}{4}$ m., $9\frac{1}{2}$ m. Cross Patna $1\frac{1}{2}$ m., Sujnam at $3\frac{1}{4}$ m., Jamni at $8\frac{3}{4}$ m., Nullahs and Jamna Nadi at $9\frac{1}{4}$ m. all bridged. Good water in all. Camping Ground.— $\frac{3}{4}$ m. S.-W. along an unmetalled Road (450×350) yds.

AUTHORITIES.		No. of stage and total distance.	Route No. 32(a).
Civil.	Military.		
P. A. IN BUNDELKHAND, NOWGONG.	C. C., 20TH I. I. BDE., JHANSI.	11 120 m. 2f.	<p>Water.—Only 1 well, no other water nearer than village.  <i>Supplies.</i>—Procurable.</p> <p>TIKAMGARH-TEHRI.—13 m. 2 f. Road p. o. as above, but not in such good repair.      Wells at <math>\frac{1}{2}</math> m., <math>2\frac{1}{2}</math> m., <math>3\frac{1}{2}</math> m., <math>5\frac{1}{4}</math> m., <math>8\frac{3}{4}</math> m., <math>10\frac{1}{4}</math> m., and <math>11\frac{1}{2}</math> m.      Cross the Not Hullah at <math>3\frac{1}{2}</math> m. and Jumrar at <math>8\frac{3}{4}</math> m. Both impassable during the rains.  <i>Camping Ground.</i>—800×200 yds., see route 75, stage 11.      Water.—Good from Wells.  <i>Supplies.</i>—Procurable.</p>
M197CGS			T

**Route No. 33.**

FROM BHOPAL TO LALITPUR.

Length 141 m. 5 f.

12 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N.-E. Road metalled as far as Berasia, then a rough cart-track, practicable for all arms except after heavy rains. Water and supplies for 2 battalions.

By route No. 20 from Mhow (11 marches), by route No. 21 from Betul (9 marches.)

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 33.</b>
Civil.	Mili- tary.		
P. A. IN BHOPAL, AT SEHORE.	COL. COMDT., 20TH L. I. BDE., JHANSI.	1 13 m.	RATWA BANDIKHERI.—13 m. Road metalled. Two villages, Ratwa on right and Bandikhera on left of road. <i>Camping Ground.</i> —No fixed ground. <i>Water.</i> —Good from two wells—one in village Ratwa, one close to nalla on W. side of road near village. <i>Supplies.</i> —Procurable.
		2 26 m.	BERASIA.—13 m. Road as above. <i>p. o.</i> A large village. <i>Camping Ground.</i> —½ m. N. of village. <i>Water.</i> —Good from a well 200 yds. S. of camping ground, indifferent from 2 other wells 1 on camping ground and one ½ m. N. of village. <i>Supplies.</i> —Abundant.
		3 38 m.	DATURIA.—12 m. Country well cultivated and undulating, with a few isolated hills.

### Route No. 33.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili-tary.	
P. A., IN BHOPAL, AT SEHORE, RESIDENT, GVALIOR, P. A., IN BHOPAL AT SEHORE		Road a country cart-track, impracticable for carts during rains. Nalas passable in dry season. A village. <i>Camping Ground.</i> —Plenty of space. <i>Water.</i> —From wells and nala. <i>Supplies.</i> —Scanty.. <i>Fuel.</i> —Plentiful.
	4	BARDA.—7 m. 4 f. Country partly hilly, jungle and cultivation. Road as above. A large village. <i>Camping Ground.</i> —Close to village and road. <i>Water.</i> —Good from wells near village. <i>Supplies.</i> —On notice.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	5	SALPARO.—9 m. 1 f. Country and road as above. Cross the Sagar (fordable except during rains) at 6 m. A small village. <i>Camping Ground.</i> —Spacious. <i>Water.</i> —From several wells and stream. <i>Supplies.</i> —Scarce.
	6	SIRONJ.—13 m. 4 f. Country at first undulating and jungly with hills to W., afterwards well cultivated. Road as above. Pass Khoa at 4½ m.
68 m. 1 f.		

### Route No. 33.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., SAUGOR.	RESIDENT, GWALIOR.		
G. C., 21ST I. I. BDE, JUBBULPORE.	C. C., 20TH I. I. BDE, JHANSI.		
		7	On route No. XI from Jubbulpur to Kelat from Saugor (7 marches) to Goona (5 marches). By route 77 via Jhalrapatan to Kotah (13 marches). A town. <i>Camping Ground.</i> —S. of town near bungalow. <i>Water.</i> —Abundant from several wells on C. G. <i>Supplies.</i> —Plentiful.
		78 m. 7f.	DEKNAKHERA.—10 m. 6 f. Road a cart track. Country cultivated in parts, remainder jungle. A moderate-sized village. <i>Camping Ground.</i> —Large near village. <i>Water.</i> —Plentiful and good from wells in village (for animals from nala near). <i>Supplies.</i> —Scarce.
		8	BAHADARPUR.—14 m. Road and country as above. A small village. <i>Camping Ground.</i> —Large, near village. <i>Water.</i> —Drinkable from nala and well in village. <i>Supplies.</i> —Very scarce.
		9	KANJIA.—16 m. 6 f. Country and road as above. Pass Mangavali railway station on Bina-Goona railway at $10\frac{3}{4}$ m., and cross Betwa (fordable except in rains) at $12\frac{1}{4}$ m.
		10 8m. 5f	

### Route No. 33.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C., SAUGOR.	C. C., 21ST I. I. BDE, JUBBULPORE.		A moderate-sized village. <i>Camping Ground.</i> —Large, close to road and village. <i>Water.</i> —Good from wells in village. <i>Supplies.</i> —Scarce.
C. C., 20TH I. I. BDE, JHANSI.		10 119 m. 3 f. *	MANIKCHOWK.—9 m. 6 f. (Daura 1½ r. s. m. N. of camp). Country hilly and jungly. Road as above. Cross Narain river (fordable except after heavy rain), at end of stage. A small village near Narain river. <i>Camping Ground.</i> — <i>Water.</i> —Good from wells in village. <i>Supplies.</i> —Scarce.
COLLECTOR, JHANSI.		11 128 m. 5 f.	JAKHLAUN.—9 m. 2 f. Country and road p. o., t. s. as above. A moderate-sized village. <i>Camping Ground.</i> —50×100 yds. between road and village. <i>Water.</i> —Good from 2 wells in village. <i>Supplies.</i> —On notice (large bazar).
		12 141 m. 5 f.	LALITPUR.—13 m. Country level and b., p. o., t. s., p. s. mostly cultivated. Road unmetalled, but raised and bridged and in good order. By route No. 22 to Jhansi (6 marches). <i>Camping Ground.</i> —27,280 sq. yds. <i>Supplies.</i> — } Plentiful. <i>Water.</i> — }

**Route No. 34.**

FROM SIRONJ TO JHALRAPATAN.

*Length 116 m. 1 f.**9 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction W.-N.-W. A cart-track, bad for most part and stony, difficult at any time for guns or wheeled transport; some rivers impassable in rains. Water good and plentiful but supplies scarce in places. Connects Routes XI, VIII, 16, 18, 21 and 33.

AUTHORITIES.		No. of stage and total distance.	Route No. 34.
Civil.	Mili- tary.		
RESIDENT, JEYPUR,	COL. COMDT., 20TH INDIAN INFANTRY BRIGADE, JHANSI	1 11 m. 4 f.	SIRONJ.—By route No. XI from Saugor (7 marches). Route No. 33 from Bhopal (6 marches).
		2 24 m.	MOW AKHERI.—11 m. 4 f. Country hilly. Road a fair track, rises in 1st 3 m. to high tableland. A small village. <i>Camping Ground.</i> —W. near village (Large). <i>Water.</i> —Plentiful and good from 3 wells near C. G. <i>Supplies.</i> —On notice.
			MOTHI.—12 m. 4 f. Country level and chiefly cultivated. Road as above, but hardly passable for laden carts in places. Cross Sindh river at $3\frac{1}{2}$ m. Pass Anandpur at $6\frac{1}{4}$ m. A small village.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 34.
RESIDENT, GVALIOR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
RESIDENT, JEYPUR.			
			<i>Camping Ground.</i> —(Spacious) near village. <i>Water.</i> —Good, from 2 wells on C. G., other near village. <i>Supplies.</i> —Scarce.
		3	BARSAD.—15 m. Country jungly with partial cultivation. Road rough and stony, steep in places. Nalas fordable. A large village. <i>Camping Ground.</i> —500,000 sq. yds. near village and road. <i>Water.</i> —Good, from wells on C. G. <i>Supplies.</i> —Procurable.
		4	CHACHORA.—13 m. Country and road as p. o. above. At $1\frac{1}{2}$ m. cross Parhati (fordable). A large town, about 2 m. W. of Agar-Bombay road. Route No. VIII from Mhow (12 marches). To Goona (3 marches). Crosses here; see Route VIII, stage 20 Bina-gaon. <i>Camping Ground.</i> —For 2 battalions, 500 yds. S.-W. of town. <i>Water.</i> —From 4 wells on C. G. (abundant). <i>Supplies.</i> —Plentiful.
		5	MANAWAR.—16 m. Country hilly and jungly. Road a bad p. o. cart-track 6 to 10 ft. wide, steep, stony and rough in places.

### Route No. 34.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
POLITICAL AGENT, KOTAH AND JHALAWAR, AT KOTAH.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		Nalas fordable except after heavy rain. Pass Jaisri at 10 m. A large walled-town on the Parwan river. <i>Camping Ground.</i> —S. of town. <i>Water.</i> —Good from wells and river. <i>Supplies.</i> —Plentiful.
		6	CHIRALEA.—11 m. Country a broad val- ley. Road unmetalled but very good for 1st 8 m. Thence a rough cart-track. Cross the Parwan on starting by causeway and the Newaj (dry in hot weather at end of stage, by rocky crossing. Both unford- able after heavy rains. An alternative and better road from Manowar to Asna- war is :—
		79 m.	Sirari 15 m. } Water plentiful. Road 30 Aklera 8 m. } ft. wide. Unmetalled Aneta 9 m. } but good. Asnawar 9 m. A large village. <i>Camping Ground.</i> —12,000 sq. yds., on bank of Newa river 1 m. before reaching village. <i>Water.</i> —Good from wells and Newa river. <i>Supplies.</i> —Plentiful.
		7	BANAIGA.—13 m. Country hilly, with cultivation in villages. Road a bad cart-track, rough and stony in parts, but fairly level. Pass Kejra at $1\frac{1}{2}$ m. and cross Chapi (gen- erally unfordable in rains) at end of stage. A village on Chapi Nadi.
		92 m.	

Route No. 34.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A., KOTAH & JHALAWAR, AT KOTAH.	C. C., 30TH L. I. BDE., JHANSI.	8	<p><i>Camping Ground.</i>—10,000 sq. yds. W. of village.</p> <p><i>Water.</i>—From wells and nadi.</p> <p><i>Supplies.</i>—Very scarce.</p>
		105 m. 3f.	<p>ASNAWAR.—13 m. 3 f. Country jungly. Road bad until it reaches Goona-Nee-</p> <p>much road.</p> <p>(Route No. 18) at Amerta 4 m. 5 f.</p> <p><i>Camping Ground.</i>—280 X 150 yds. W. of road on far side of village.</p> <p><i>Water.</i>—Plentiful, good, from wells to Ujar stream, and for animals from Ujar.</p> <p><i>Supplies.</i>—Procurable.</p>
		9	<p>JHALRAPATAN.—10 m. 6 f. By route 18 to Neemuch (18 marches).</p> <p>By route No. 18 to Agar (4 marches).</p>
		116 m. 1f.	

**Route No. 35.**

FROM SIRONJ TO BIAORA.

Length 52 m. 6 f.

3 Marches.

*Authority and date (month and year).—*

*Epitome.*—A cart-track over black cotton soil, passable by all arms in the dry season, impassable in the rains. This route shortens the distance between Saugor and Agar by 3 marches.

AUTHORITIES.	No. of stage and total distance.	Route No. 35.
Civil. Mili-tary.		
POLITICAL AGENT, BHOPAL, AT SEHORE.	1 18 m. 4 f.	SIRONJ.—On Main Route XI (See Route b., p. o., r. s. XI, stage 11).
GENERAL OFFICER COMMANDING, C. P. DISTRICT.	2 38 m. 2 f.	LATERI.—18 m. 4 f. Road a cart-track over black cotton soil, impassable for wheel-ed transport in the rains. At 4 m. Bardhai ; at 6 m. Babrod ; at 8 m. Russia ; at 10½ m. Balampur ; at 12 m. Morarwas ; at 15 m. Mundra. Lateri is a village of 800 houses in Tonk State. <i>Camping Ground.</i> —150 yds. W. of village, for one cavalry regt. <i>Water.</i> —From good wells close to C. G. <i>Supplies.</i> —On notice. Abundant fuel and fodder. SOTALA.—19 m. 6 f. Country at first hilly and enclosed ; afterwards open and undulating with grass and scrub jungle.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
GENERAL OFFICER COMMANDING, C. P. DISTRICT.			<b>Route No. 35.</b>
POLITICAL AGENT, BHOPAL, AT SEHORE.			<p>Road generally a country cart track impassable in the rains ; the portion between Naikilla and the Parbatti river (5 m.) is metalled.</p> <p>The Parbatti, 200 yds. wide, is fordable except in the rains, when a boat (capacity 10 men) is used.</p> <p>At 2 m. Nooli ; at 4 m. Mahan ; at 8 m. Tajpur ; at 9½ m. Niakilla ; at 10½ m. Narkhera with space for C. G. and supplies for a regt. for one day ; at 14½ m. Parbatti river ; at 15 m. Agarpura ; at 16 m. Parsana ; at 17½ m. Sotala.</p> <p>Sotala is a village of about 700 houses in the Rajgarh State.</p> <p><i>Camping Ground.</i>—250 yds. W. of village, black cotton soil for one cavalry regt.</p> <p><i>Water.</i>—Several wells, two with troughs (20 horses each).</p> <p><i>Supplies.</i>—Fuel scarce, fodder plentiful, grain, etc., available.</p> <p>BIAORA.—14 m. 4 f. Road a cart-track <i>p. o., r. s.</i> over black cotton soil impassable in the rains. Country at first undulating and cut up by nallas ; last 5 m. level. At 1 m. Khandi ; at 4½ m. Gondor ½ m. S. ; at 5½ m. Baliapura ; at 7½ m. Jopla ; at 10½ m. Barkhera ½ m. N. and at 11 m. Lodipura ½ m. S. E.</p> <p>On main route VIII (see route VIII, stage 18).</p>

**Route No. 36.**

FROM SAUGOR TO MAU.

Length 114 m. 3 f.

11 Marches.

*Authority and date (month and year).*—Executive Engineer, Plateau Division, Central Provinces, April 1923.

*Epitome.*—General direction north by east. Road metalled throughout and passable by all arms and wheeled traffic. Also fit for Motors so far as the Section is concerned, i.e., up to mile 42.

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Mili- tary.		
D. C., SAUGOR.	COLONEL COMMANDANT, 21ST L. I. BRIGADE, JUBBULPRE.	1	RANIPURA.—8 m. 6 f. Country open and uncultivated. Road metalled and bridged. A small village about 4 f. to the south of camping ground.
		8 m. 6 f.	<i>Camping Ground.</i> —24.66 acres, east of road at road side. Water available from a well situated in the camping ground.
		2	BANDRI.—9 m. Country and road as above. Ground partly cultivated. A small village at road side about 4 f. to the south of camping ground.
		17 m. 6 f.	<i>Camping Ground.</i> —52 acres—2 roods, 21 poles east of road at road side. Water available from a well situated in the camping ground.
		3	RAJWAN.—9 m. 2 f. Country and road as above. Ground not cultivated. A small village at road side about 4 f. S. of camping ground.
		27 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Mili- tary.		
C. C., 20TH I. I. BRIGADE, JHANSI COL. COMDT.	D. C., SAUGOR.	38 m. 3 f.	<p><i>Camping Ground.</i>—47 acres—3 roods, 13 poles close by, on both sides of road.</p> <p><i>Water.</i>—Available from a well situated in the camping ground.</p> <p>4 MALTHONE.—11 m. 3 f. Country and road and as above. Ground not cultivated.</p> <p>A small village to the south of camping ground about 3 f. away.</p> <p><i>Camping Ground.</i>—53 acres—1 rood, 5 poles. East of road, 22 chains, away from road. There is a kaeha approach road which starts from furlong stone 3 of m. 39.</p> <p><i>Water.</i>—Available from a well situated in the camping ground and also from a tank about 2 f. off to the S. E.</p>
COLLECTOR, JHANSI.		47 m. 7 f.	<p>5 SAIDPUR.—9 m. 4 f. Country chiefly jungle. Road as above. A village.</p> <p><i>Camping Ground.</i>—180 X 180 yds. near road and <math>\frac{1}{2}</math> m. N. W. of village.</p> <p><i>Water.</i>—Brackish but drinkable from wells on and near, and (for animals) from a tank close to C. G.</p> <p><i>Supplies.</i>—Searee.</p>
		58 m. 1 f.	<p>6 MAHRONI.—13 m. Country open and cultivated. Road metalled and bridged.</p> <p>Pass Nainwar at 4<math>\frac{3}{4}</math> m.</p> <p>A good-sized village.</p>

### Route No. 36.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR, JHANSI.			<i>Camping Ground.</i> —450 × 350 yds. $\frac{3}{4}$ m. from village. <i>Water.</i> —Good, from wells in village and one near C. G. <i>Supplies.</i> —Procurable.
		7 71 m. 3 f.	<b>TIKAMGARH-TEHRI.</b> —13 m. 2 f. b., p. o. Country chiefly jungle. Road as above. At 9 m. cross Jamrar nadi, impassable in very heavy floods only. A large walled town, with a fort. <i>Camping Ground.</i> —16,000 sq. yds. on road side $\frac{3}{4}$ m. N. of town. <i>Water.</i> —Good, from 3 wells near C. G. <i>Supplies.</i> —Plentiful. By route 75 to Goona (11 marches). By route 79 to Jhansi (5 marches), road bad.
COL. COMDT., 20TH I. I. BRIGADE, JHANSI.		S 83 m. 3 f.	<b>MAJNA.</b> —12 m. Country broken and chiefly jungle. Road metalled and fair. Pass Lachmanpur at $4\frac{1}{2}$ m. A small village. <i>Camping Ground.</i> —On roadside close to village. <i>Water.</i> —Plentiful, good, from 2 wells, near, and a tank $\frac{1}{4}$ m. from C. G. <i>Supplies.</i> —Scarce.
POL. AGENT, BUNDHELKHAND, AT NOWGONG.		9 95 m. 3 f.	<b>JATARĀ.</b> —12 m. Country and road as above. Nalas only impassable after very heavy rain.

AUTHORITIES.		No. of stage and total distance.	Route No. 36.
Civil.	Mili- tary.		
POL. AGENT, BUNDHELKHAND, AT NOWGONG.	COL. COMDT., 20TH I. I. BRIGADE, JHANSI.		<p>A large village on E. edge of a large tank.  <i>Camping Ground.</i>—275 <math>\times</math> 200 yds. on the bank of tank close to town.  <i>Water.</i>—From tank close to C. G.  <i>Supplies.</i>—On notice.      From Jatara by route 80 to Nowgong (2 marches), an indifferent cart track.</p>
		10	<p>BAMORI.—10 m. Country and road as above.  <i>Camping Ground.</i>—400 <math>\times</math> 150 yds.  <i>Water.</i>—Good.  <i>Supplies.</i>—Procurable.</p>
		105 m. 3f.	
		11	<p>MAU.—9 m. Road as above.  <i>Camping Ground.</i>—229, 460, sq. yds. <math>1\frac{1}{2}</math> m. S.-E. of town.  <i>Water.</i>—Plentiful, good, from 2 wells on C. G.  <i>Supplies.</i>—Abundant.      By route No. VIII W. to Jhansi 4 marches, 40<math>\frac{1}{2}</math> m. and E. to Nowgong, 2 marches, 23<math>\frac{1}{2}</math> m.</p>
		114 m. 3f.	

**Route No. 37.****TIKAMGARH TEHRI TO JHANSI.***Length 58 m.**5 Marches.**Authority and date (month and year).—*

*Epitome.*—General direction N. by W. A very bad road, unsuitable for guns or wheeled transport. Water plentiful throughout, but supplies scarce in parts. A better but longer route No. 32 to Mau, and thence by route No. VIII to Jhansi 8 marches  $83\frac{1}{2}$  m.

From Saugor by Route 36, 7 marches,  $66\frac{1}{4}$  m.

AUTHORITIES.		No. of stage and total distance.	Route No. 37.
Civil.	Mili- tary.	1  9 m. 4 f.	BILGAM.—9 m. 4 f. No camping ground. Country partly cultivated. Road metalled and bridged as far as Sidhgaona, then not metalled but bridged yet road is in bad condition, and hardly passable for loaded carts. A very small village. <i>Camping Ground.</i> — $150 \times 150$ yds. Not regular ground but space. <i>Water.</i> —Plentiful and good from 3 wells in field near, and, for cattle from small tank $\frac{1}{2}$ m. from C. G. <i>Supplies.</i> —Scarce.
C. C., 29TH I. I. BDE., JHANSI.		2  21 m. 5 f.	BAMORI.—12 m. 1 f. Track in bad condition from Degora to Bamori. Country undulating and jungly. A village. <i>Camping Ground.</i> — $400 \times 150$ yds. Not regular but space.

POLITICAL AGENT, BUNDHELKHAND, AT NOWGONG.

AUTHORITIES.	No. of stage and total distance.	
Civil.	Mili- tary.	
	2	<b>Route No. 37.</b>
	21 m. 5 f.	<i>Water.</i> —Plentiful, good, from 5 wells in fields near C. G. (for animals from tank $\frac{1}{4}$ m. off C. G.). <i>Supplies.</i> —Scarce.
	3	DEGORA.—6 m. 2 f. Road <del>is</del> unmetalled but <del>is</del> bridged yet in bad condition. <i>Camping Ground.</i> —Not regular. <i>Water.</i> —Plenty from wells and tanks. <i>Supplies.</i> —Procurable.
	34 m. 3 f.	PIRTHIPUR.—12 m. 6 f. Country and road as above. Pass <i>via</i> Geora and Birora. 4 m., 7 m., two good-sized villages. <i>Camping Ground.</i> —42,000 sq. yds. near road and $\frac{1}{2}$ m. from village. <i>Water.</i> —Plentiful and good from wells near C. G., for animals from tank $\frac{1}{2}$ m. off. <i>Supplies.</i> —On notice.
	4	BARWA SAGAR.—12 m. 7 f.
	47 m. 2 f.	
	5	JHANSI.—10 m. 6 f.
	58 m.	

} By Route  
No. VIII.

## Route No. 38.

FROM JATARA TO NOWGONG.

*Length 29 m.*

*2 Marches.*

*Authority and date (month and year).—*

*Epitome.—Direction N.-E. by E. An indifferent cart-track, passable by all arms and wheeled transport in dry weather.*

*By Route No. 36 from Saugor 9 marches, 90 m. 2 f.*

AUTHORITIES.		No. of stage and total. distance.	Route No. 38.
Civil.	Mili- tary.		
A. P., RUNDHELKHAND, AT NOWGONG,		1 13 m.	PALEREA.—13 m. Country broken and b. chiefly jungle. Road an indifferent track. Cross the Ur-Nala (impassable after heavy rain) at about 7 m. A village.
C. C., 20ri I. I. BRIGADE, JHANSI.		2 29 m.	Camping Ground.—Small, $\frac{1}{4}$ m. W. of village. Water.—Plentiful, good, from 2 wells S. and close to C. G. Supplies.—On notice.
			NOWGONG.—16 m. Country and road as b., p. o., t. s. Cross the Dhasan (impassable in flood) at 7 m. by a ford about a mile from Garauli (a village on right bank) or ferry, 1 boat carrying 30 men. On Route No. VIII and 24.

**Route No. 39.**

FROM LAKHANDON TO NARSINGHPUR.

Length 39 m. 6 f.

4 Marches.

Authority and date (month and year).—Road Map, Jubbulpu District, 1905.

Epitome.—General direction N.-W. A good road, metalled and motorable all seasons. Connects Routes No. VI, XII and 22.

On route No. VI from Nagpur (11 marches) to Jubbulpur (4 marches).

AUTORITIES.		No. of stage and total distance.	Route No. 39.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NARSINGHPUR.	COLONEL COMMANDANT, 21 <sup>ST</sup> INDIAN INFANTRY BRIGADE, JUBBULPUR..	1 1 m. 2 f.	PARASEA.—11 m. 2 f. Pass Surmangni, Pipuria, and Joba. Country level at first, then hilly. A village with inspection hut. <i>Camping Ground.</i> — <i>Water.</i> —Procurable. <i>Supplies.</i> —Procurable.
		2 20 m. 6 f.	GURURWARA.—9 m. 4 f. Country hilly. Pass Ghorabibi, Khapa, and Bhonti. Cross Sherer. A village. <i>Camping Ground.</i> — <i>Water.</i> —Procurable. <i>Supplies.</i> —Procurable.
		3 30 m. 2 f.	KURKHIYA.—9 m. 4 f. Road 1st class, metalled. Pass Khu-muria, Bukori, Buboria.

### Route No. 39.

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
D. C., NARSINGHPUR.	C. C., 21ST I. I. BRIGADE, JUBBULPUR.	4 30 m. 6 f.

A village.  
*Water*.—  
*Supplies*.—  
*Camping Ground*.—

NARSINGHPUR.—9 m. 4 f. Road as above. Pass Dangidana, on Route Nos. XII and 22.  
 To Jubbulpur (6 marches) by Route XII.  
 To Hoshungabad (11 marches) by Route XII.  
 To Saugor (9 marches) by Route 22.

**Route No. 40.**

FROM SEONGI TO CHHINDWARA.

Length 152 m. 1 f.

13 Marches.

Authority and date (month and year).—

*Epitome.*—General direction N. To Barha Balaghat, then W by N. Metalled and motorable in dry weather; unbridged crossings:—

- (1) Sarathi river in mile 40 from Balapat.
- (2) Bagh river in mile 14 from Balapat.
- (3) Ghisri river in mile 12 from Ragagaon.
- (4) Nallas in miles 18, 23 and 27 from Gondia towards Arjuni.

Connects Routes Nos. VII, VI and 22.

On route No. VII from Nagpur (7 marches) and Raipur (11 marches).

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
DEPUTY COMMISSIONER, BHANDARA.	COL. COMD., 21ST L. I. BRIGADE, JUBBULPUR.	1
		10 m.
		2
		17m. 6f.

**Route No. 40.**

PALUSGAON.—10 m. A 1st class metalled road.

At  $1\frac{1}{2}$  m. leave route No. VII and turn N. at Khomara. Pass Arjuni (large village with Bungalow), cross nala, pass Pursuri, Dongargaon, and Dawa.

A village.

*Camping Ground.*—Kept clear of brushwood.*Water.*—Plentiful.*Supplies.*—On notice.MANDISAR.—7 m. 6 f. Road as above.  
*b.*

A village.

*Camping Ground.*—*Water.*—Plentiful; large tank about  $\frac{1}{4}$  m. N.W.*Supplies.*—On notice.

### Route No. 40.

AUTHORITIES.			No. of stage and total distance.	
Civil.	Mili- tary.			
D. C. OF BHANDARA.				
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.			3	GONDIA.—11 m. 7 f. A railway junction <i>b., p. o., t. s., r. s.</i> Jubbulpur-Gondia line (2' 6" gauge) branches off from main Bengal-Nagpur line here.
			29 m. 5 f.	<i>Camping Ground.</i> —No fixed place. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Plentiful.
D. C. OF BALAGHAT.			4	KANTI.—10 m. 2 f. Road as above, running E. of railway. <i>b.</i> A village. Birsola railway station is about 2 m. W. <i>Camping Ground.</i> — <i>Water.</i> —Procurable. <i>Supplies.</i> —Procurable.
			5	BARHA BALAGHAT.—15 m. Road as above. <i>b., p. o., t. s., r. s.</i> A small town and Headquarters of Civil district. <i>Camping Ground.</i> —Good. <i>Water.</i> —Plentiful. <i>Supplies.</i> —Plentiful.
			6	LALBURRA.—15 m. 7 f. Road Moorumed <i>b., p. o.</i> and partly bridged. Cross Winganga at 1 m. and Sarati at end of stage. Branch road to SSomnapur railway station 7 m. A moderate-sized village. <i>Camping Ground.</i> —A little shade.
			70 m. 6 f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF BALAGHAT.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		<b>Route No. 40.</b>
			<i>Water.</i> —Plentiful. <i>Supplies.</i> —Moderate.
		7 84 m. 6f.	BEHRAI.—14 m. Road 1st class. Pass several small villages and nallas, and at 10 m. ascend ghat 3 m. long. Small village. <i>Camping Ground.</i> —Nil. <i>Water.</i> —1 well only, near b., which dries up in summer. <i>Supplies.</i> —Scarce.
		8 95 m. 6f.	BARGHAT.—11 m. Road as above. A large village. <i>Camping Ground.</i> —Nil. <i>Water.</i> —From wells. <i>Supplies.</i> —Plentiful for 1 battalion; 150 carts procurable for transport.
		9 109 m. 6f.	SEONI.—14 m. Road 1st class, metalled. b., p. o., t. s., r. s. Pass several villages. A large town and civil station. <i>Camping Ground.</i> —N. of town. <i>Water.</i> —Abundant and good from pakka wells and water holes. <i>Supplies.</i> —Abundant. On route No. VI from Nagpur (7 marches) to Jubbulpore. To Jubbulpore (8 marches). On Nainpur-Chindwara branch (2' 6" gauge) of Bengal-Nagpur railway.

### Route No. 40.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
D. C. AT CHHINDWARA.	D. C. AT SEONI.	10	KOHAK.—12 m. 4 f. Road as above, running alongside rail-line. A small village, near Pepardahee station. <i>Camping Ground.</i> — <i>Water.</i> —From wells. <i>Supplies.</i> —On notice.
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		122 m. 2 f.	
		11	CHAURAI.—9 m. 3 f. Cross several nala-s, r. s. bridged over or having causeways. Road as above. A large village. <i>Camping Ground.</i> — <i>Water.</i> —From wells. <i>Supplies.</i> —Abundant.
		136 m. 5 f.	
		12	UMARIA.—11 m. Road as above. Cross r. s. (JHILMILLI). Pench river (bridged) and several nala-s. A small village, near Jhilmilli station. <i>Camping Ground.</i> —Cultivated and not kept cleared. <i>Water.</i> —From pakka well. <i>Supplies.</i> —On notice.
		142 m. 5 f.	
		13	CHHINDWARA.—10 m. 1 f. Road as b., p. o., t. s., r. s. above. <i>Camping Ground.</i> —Good, locally known as Gulab Rai Amrai. <i>Water.</i> —Abundant. <i>Supplies.</i> —Abundant.
		152 m. 1 f.	On Route No. 22 from Kamptee (6 marches) to Sangor (17 marches); Jhansi (30 marches) and Gwalior (36 marches). Route No. 25 to Pachmari 8 marches.

**Route No. 41.**

FROM NANDGHAT TO BILASPUR.

*Length 31 m. 4 f.**3 Marches.*

*Authority and date (month and year).*—Under order of Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur, 1921.

*Epitome.*—General direction N.-N.-E. Good road, but not motorable in the rains at present.

A moorrum surfaced road.

Water sometimes scarce in hot weather. Connects Routes 27 and 28.

AUTHORITIES		No. of stage and total distance.	Route No. 41.
Civil.	Mili- tary.		
D. C., RAIPUR.	D. C., RAIPUR.	1	NANDGHAT.—13 m. 3 f. From Raipur by route 27 in 4 marches.
COL. COMDT, 21ST I. BDE., JUBBULPUR.		14 m.	SARGAON.—14 m. Good moorrum road ten to twelve feet wide. No bridges between 4½ m. and 5½ m. A small village. <i>Camping Ground.</i> — <i>Water.</i> —Indifferent, from one tank and four wells, scarce in summer. <i>Supplies.</i> —On notice.
D. C., BILASPUR.	COL. COMDT, 21ST I. BDE., JUBBULPUR.	2	HIRI.—7 m. 4 f. Road as above.
		21 m. 4 f.	A small village. <i>Camping Ground.</i> — <i>Water.</i> —From tank and 2 wells. <i>Supplies.</i> —On notice.

AUTHORITIES.		No. of stage and total distance.	Route No. 41.
Civil.	Mili- tary.		
D. C., BILASPUR.	C. C., 21ST L. I. BDE, JURBULPUR.	3 31 m. 4f.	<p>BILASPUR.—10 m. Road a fair-weather b., p. o., t. s., r. s. track. Pass several small villages and nala.s.</p> <p><i>Camping Ground.—</i>  <i>Water.—Plentiful.</i>  <i>Supplies.—Plentiful at one week's notice.</i>  To Sambalpur by route 28, 12 marches.</p>

**Route No. 42.**

FROM JHANSI TO KALPI.

Length 90 m. 3 f.

10 marches.

Authority and date (month and year).—Officer Commanding,  
116th Bty. R. F. A. October 1921.

*Epitome.*—General direction N.-E. Connects Jhansi with Cawnpore. Road metalled and bridged throughout.

Water plentiful; supplies scarce in parts.

The road runs parallel and close to the Jhansi-Lucknow branch of the Great Indian Peninsula Railway.

AUTHORITIES.		No. of stage and total distance.	Route No. 42.
Civil.	Mili- tary.	1 8 m. 7 f.	BARAGAON.—8 m. 7 f. Road good, well b., p. o. shaded, metalled and bridged. Country chiefly jungle.  Rocky and hilly in places. At $6\frac{1}{2}$ m. cross canal (24 ft. wide, 6 ft. deep). At $7\frac{3}{4}$ m. pass Buchaolee (b.). A village. <i>Camping ground.</i> —410×350 yds., close to village, demarcated, liable to be flooded in rains. <i>Water.</i> —Good, from 2 wells on C. G. <i>Supplies.</i> —On notice.
COLLECTOR, JHANSI.	20TH I. I. BDE., JHANSI.	2 17 m. 4 f.	CHIRGAON.—8 m. 5 f. Country and road b., p. o., t. s., r. s. as above. At $4\frac{1}{2}$ m. cross Betwa canal (35 ft. deep, 35 yds. wide, at top; 8 yds. at bottom; steep banks; single girder

AUTHORITIES.			
Civil.	Mili- tary.	No. of stage and total distance.	
D. C., ORAI.	COLLECTOR, JHANSI.		<b>Route No. 42.</b>
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.			
			bridge, stone piers). Railway crosses canal by iron bridge $\frac{1}{4}$ m. N. Near Paricha Betwa river is dammed, above dam deep and unfordable at most points. A village.
		3	<i>Camping Ground.</i> —310×250 yds. close to village, with good shade, demarcated. <i>Water.</i> —Good well in P. W. D. Bungalow across road from C. G. <i>Supplies.</i> —On notice.
		25 m.	SEMRI.—7 m. 4 f. Country cultivated. Road as above. A small village. <i>Camping Ground.</i> —320×320 yds., demarcated; close to village. <i>Water.</i> —Good; from well between main road and C. G. <i>Supplies.</i> —Scarce.
		4	MOTH.—7 m. 4 f. Company and road as p. o., t. s., r. s. above. At $3\frac{1}{2}$ m. pass Umra, large village (post-office), commanded by native fort 200 yds. N. of road. P. W. D. Bungalow. A village. <i>Camping Ground.</i> —34,800 sq. yds. close to village and road. Demarcated. <i>Water.</i> —Good from wells near C. G. <i>Supplies.</i> —Plentiful.
		32 m. 4f.	
		5	PUNCH.—8 m. 4 f. Road as above. p. o., t. s., r. s.
		41 m.	

AU' HORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 42.
DEPUTY COMMISSIONER, ORAI.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		
		6	<i>Camping Ground.</i> —280×260 yds. close to road and village, demarcated, surrounded on N.-E. and N.-W. by deep cutting forming escape to Hamirpur canal. <i>Water.</i> —Plentiful and good from 2 wells on C. G. <i>Supplies.</i> —On notice. Branch metalled road S.-E. to Mau, 35 m. (Route VIII), <i>riā</i> Gursarai (18 m.).
		50 m. 2 f.	JAKHOLI.—9 m. 2 f. Country flat, open <i>p. o., t. s.</i> and cultivated. Road as above. Pass Perona about halfway.
		7	GIRTHAN.—10 m. 1 f. Pass <i>Ait</i> ( <i>p. o.</i> ) 5 m.
		60 m. 3 f.	<i>Camping Ground.</i> —390×390 yds., near village. <i>Water.</i> —2 wells. <i>Supplies.</i> —Searee.
		8	ORAI.—9 m. 6 f. Pass Kaitar 3 m. 6 f. <i>p. o. t. s. r. s.</i> Rina 6 m. 6 f. small town. Civil station. <i>Camping Ground.</i> —60,000 sq. yds. <i>Water.</i> —5 wells in and near Collector's bungalow. <i>Supplies.</i> —Abundant.
		9	ATA.—9 m. 6 f. Pass Banad 6 m. 2 f. <i>p. o., t. o., b.</i> Rahia. 3 m. 6 f. <i>Camping Ground.</i> —500×400 yds. N. road opposite ( <i>o. s.</i> ). <i>Water.</i> —2 Bns. well.

AUTHORITIES.			No. of stage and total distance.	Route No. 42.
Civil.	Mili- tary.			
DEPUTY COMMISSIONER, ORAI.	C. C., 20TH I. I. BDE, JHANSI.		10 90 m. 3 f.	KALPI.—10 m. 4 f. Pass Aosurgaon 3 m. <i>p. o., t. o., p. s., b.</i> 2 f. Turns right bank Jamna. Cross Jamna 3 f. past Kalpi. Pontoon bridge dry season. Ferry rains (5 large boats). <i>Camping Ground.</i> —400×300 yds. 1 m. from river on Orai Road. <i>Water.</i> —Well. <i>Supplies.</i> —Abundant. Connects with U. P. Dist. No. 23.

**Route No. 43.**

FROM DAMOH TO SUBAHGANJ.

Length 70 m. 6 f.

8 Marches.

Authority and date (month and year).—

*Epitome.*—General direction E. by N. Connects Routes No. VI and XI with Route XII. Road for most part stony, and difficult in places for artillery. Metalled road for 3 m., unmetalled remainder.

Water plentiful. No supplies available without notice; water plentiful.

By Route XI from Saugor (4 marches) and by route VI from Jubbulpur (6 marches).

AUTHORITIES.		No. of stage and total distance.	Route No. 43.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER OF DAMOH.	COL. COMDT., 21ST I. L. BRIGADE, JUBBULPUR.	1 10 m.	BILTURRA.—10 m. Road unmetalled but suitable for all arms. A few houses. <i>Camping Ground.</i> —92,200 sq. yds. close to Bandukpur Railway station on Bina-Katni line, which is N. of road; branch road to Hindoria. <i>Water.</i> —Good, from 2 wells, one 150 yds N. E. of C. G. dried up in April, the other with ample water, across road near C. G. <i>Supplies.</i> —On notice.
		2 17 m. 4 f.	GHAT PIPARIA.—7 m. 4 f. Country jungly, undulating, and partly cultivated. Road as above; passes over 2 steep ghats and 15 nalas, those not bridged having muddy approaches and stony beds. A small village on the Bairma river.

AUTHORITIES.		No. of stage and total distance.	Route No. 43.
Civil.	Mili- tary.		
D. C., JUBBULPUR.	P. A., BUNDELKHAND.	3	<i>Camping Ground.</i> —166,490 sq. yds. <i>Water.</i> —From 1 well and rivers. <i>Supplies.</i> —On notice.
C. C., 21ST L. I. BDE., JUBBULPUR.	C. C., 29TH L. I. BDE., JHANSI.	25 m.	KOOMHAREE.—7 m. 4 f. Country and road as above. Cross Bairma (bed rocky 200 yds. wide, approaches steep, by ford in dry weather, by ferry (2 boats carrying 12 men) in rains. At 5 m., descends a steep Ghat. A moderate-sized village. <i>Camping Ground.</i> —147,620 sq. yds. <i>Water.</i> —Good and ample from a baori and tank. <i>Supplies.</i> —Procurable.
		4	RAIPURA.—9 m. 5 f. Road difficult for guns on account of 2 stony ghats, 1 at $2\frac{1}{2}$ m., length $2\frac{1}{2}$ m. The other at end of stage, length 1 m. Cross 3 large nalas, approaches steep, and 5 small hill streams, bed stony, by fords. A large village. <i>Camping Ground.</i> —400×300 yds. not demarcated, 800 yds. W. of village. <i>Water.</i> —Plentiful and good from a stream, wells, and tank near C. G. <i>Supplies.</i> —On notice.
		5	BARTALLA.—6 m. 7 f. Country and road as above. Pass Hirapur at 3 m. and Burgain at 4 m. Cross 3 nalas by easy fords.

### Route No. 43.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
P. A., IN BAGHELKHAND AT SUTNA.	D. C. AT JUBBULPUR.		<p>A small village.  <i>Camping Ground.</i>—24,000 sq. yds. 400 yds. W. of village.  <i>Water.</i>—From well (disinfected periodically), and stream; also a large tank 500 yds. S. of C. G.  <i>Supplies.</i>—On notice.</p>
C. C., 20TH I. I. BRIGADE, JHANSI.	C. C., 21ST I. I. BDE., JUBBULPUR.	6 49 m. 4 f.	<p>HARDWARA.—8 m. Country jungle with sparse cultivation.  Road unmetalled, but bridged, suitable for all arms. Pass Mobunsi at 3 m., Rita at 5 m., Rithi railway station on Bina-Katni line, and Dhonia at 6 m.</p>
		7 57 m. 3 f.	<p>A small village.  <i>Camping Ground.</i>—700 yds. E. of village.  <i>Water.</i>—From Kan river and 2 wells in village.  <i>Supplies.</i>—On notice.</p>
			<p>PURAINA.—7 m. 7 f. Road unmetalled and P. A. IN BUNDEL KHAND. stony in places. Cross river (fordable except after heavy rain) at 6½ m.</p>
			<p>A village.  <i>Camping Ground.</i>—380×130 yds. 700 yds. S. of village.  <i>Water.</i>—Plentiful and good from 3 wells on and 1 near C. G.; also 2 tanks 700 yds. S. of village.  <i>Supplies.</i>—On notice.</p>

AUTHORITIES.		No. of stage and total distance.
Civil.	Mili- tary.	
P. A. IN BAGHELKHAND AT SUTNA.	C. C., 20TH I. I. BRIGADE, JHANSI.	8 70 m. 6 f.

**Route No. 43.**

SUBAHGANJ.—13 m. 3 f. Road as above for 7 m. Then metalled. Cross Alone river at  $3\frac{2}{3}$  m. by ford (25 ft. wide, water 3 ft. bed rocky, and difficult). At 7 m. joins Route XII near Jukehi station (on East Indian Railway). On Route No. XIII to Rewah (5 marches). *Camping Ground.*—185×170 yds. 3 f. N.E. of village, demarcated. *Water.*—2 wells near C. G. *Supplies.*—On notice.

**Route No. 44.**

FROM WARORA TO DHAMTARI.

*Length 243 m. 6 f.**22 Marches.*

*Authority and date (month and year).*—Under order of Officer Commanding, 21st Indian Infantry Brigade, Jubbulpur.

*Epitome.*—Direction S.-E. to Chanda; then N.-E. For the first few stages the road is either metalled or made, after which it is a cart-track, practicable for all arms and for wheeled transport. Supplies are scarce at most places, and water is scarce, especially in hot weather.

This Route connects Routes VI and 27.

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Military.		
DEPUTY COMMISSIONER, CHANDA.		1	WARORA.—On route VI. <i>p. o., t. s., r. s.</i>
		12 m.	BHANDUK.—12 m. A made road.
		2	CHANDA.—15 m. Made road. Not motorable.
		27 m.	On the Wadda-Chanda branch of the Great Indian Peninsula Railway.
		3	TAMPTA.—15 m. Road metalled.
		42 m.	<i>Camping Ground.</i> —1 mile beyond village on Andaree river. <i>Water.</i> —From river. <i>Supplies.</i> —

### Route No. 44.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		4	MUL.—12 m. Road metalled. Cross p. o. Andaree river at 5 m.
		54 m.	A large village. <i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> — } Plentiful.
DEPUTY COMMISSIONER, CHANDA.		5	VIHAD.—15 m. Road as above. Cross p. o. Mul river. A large village. <i>Camping Ground.</i> —No regular ground. <i>Water.</i> —Plentiful. <i>Supplies.</i> —On notice.
		69 m.	GARCHI ROLI.—10 m. Murham road. Cross Wainganga river near Waghole. <i>Camping Ground.</i> — <i>Water.</i> — } As above. <i>Supplies.</i> —
		79 m.	WAIRAGARH.—17 m. Cross Katanee river and Kophragarhee river. A large village. <i>Camping Ground.</i> — <i>Water.</i> — <i>Supplies.</i> — } As above.
		7	BHARKUNDI.—12 m. 3 f. Road a sandy carttrack. Village in middle of rice fields.
		96 m.	
		9	
		108 m. 3f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, CHANDA.	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		
		9	<i>Camping Ground.</i> — <i>Water.</i> —Tank and well. <i>Supplies.</i> —From Armori.
		116 m 7f.	SIRSUNDI.—8 m. 4 f. Road as above. A small village.
		10	<i>Camping Ground.</i> —None fixed but a clear space available. <i>Water.</i> —From nala. <i>Supplies.</i> —Searee.
		127 m.	KATEJARI.—10 m. 1 f. Road over sandy and black soil. A small village in clearing in jungle. <i>Camping Ground.</i> — <i>Water.</i> —From nala. <i>Supplies.</i> —Searee.
		11	KORACHA.—12 m. 2 f. A good cart-road A small village.
		139 m. 2f.	<i>Camping Ground.</i> — <i>Water.</i> — } Searee. <i>Supplies.</i> — }
		12	KOTHRI.—11 m. 4 f. Road over rock. A small village. <i>Camping Ground.</i> —On right bank of river. <i>Water.</i> —Searee in dry season. <i>Supplies.</i> —Searee.
		150m. 6f.	

## Route No. 44.

AUTHORITIES.		No. of stage and total distance.	
Civ il.	Mili- tary.		
D. C. CHAND.	D. C., C. P. FEUDATORIES AT RAIPUR.	13'	DAMAKASA.—12 m. 1 f. Road as above. A small village. <i>Camping Ground.</i> —Nil. <i>Water.</i> —Abundant, from nala. <i>Supplies.</i> —Scarce.
	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.	162 m. 7f.	BANSLA.—9 m. 4 f. Cart track. Soil rocky. A small village at foot of isolated black rocks. <i>Camping Ground.</i> — <i>Water.</i> —Abundant, from tanks. <i>Supplies.</i> —Scarce.
		14	BHANVERA.—11 m. 5 f. Road cart-track. Pass several nalas and villages. A small village. <i>Camping Ground.</i> —In deserted village. <i>Water.</i> —Scanty, from nalas. <i>Supplies.</i> —Scarce.
		15	SAWARGAON.—6 m. 6 f. Road as above. A large village. <i>Camping Ground.</i> —Good. <i>Water.</i> —Abundant. <i>Supplies.</i> —On notice.
		16	MANPUR.—10 m. 3 f. Pass several nalas and villages. Road as above. A small village.
		17	201m. 1f.

**Route No. 44.**

AUTHORITIES.		No. of stage and total distance.	Route No. 44.
Civil.	Mili- tary.		
D. C. AT RAIPUR.	P. A., CHHATTISGARH FEUDATORIES AT RAIPUR.		
	COLONEL COMMANDANT, 21ST INDIAN INFANTRY BRIGADE, JUBBULPUR.		
			<i>Camping Ground.—</i> <i>Water.—Plentiful.</i> <i>Supplies.—Scarce.</i>
		18	KANELI.—8 m. 5 f. Road as above. A large village. Residence of a Maharaja.
		209m. 6f.	<i>Camping Ground.—</i> <i>Water.—Plentiful.</i> <i>Supplies.—Moderate on notice.</i>
		19	KURNA.—8 m. Road as above. Pass a river and nalas. A small village.
		217m. 6f.	<i>Camping Ground.—</i> <i>Water.—Plentiful from Mahanadi.</i> <i>Supplies.—As above.</i>
		20	HALBA.—9 m. Road as above. Pass a few rivers. A small village.
		226m. 6f.	<i>Camping Ground.—No regular ground.</i> <i>Water.—Plentiful, from tank.</i> <i>Supplies.—As above.</i>
		21	LAKRI.—7 m. Road as above. A small village.
		233m. 6f.	<i>Camping Ground.—</i> <i>Water.—</i> <i>Supplies.—</i>

AUTHORITIES.			No. of stage and total distance.	Route No. 44.
Civil.	Mili- tary.			
D. C. AT RAIPUR.	G. C. C. 21ST L. L. BDE, JUBRAIPUR.		22 243m. 6f.	DHAMTARI.—10 m. Road as above. A <i>p. o., t. s., r. s.</i> large village.
				<i>Camping Ground.—</i> Water.—Plentiful, from several tanks and wells. <i>Supplies.</i> —Procurable. By route No. 27 to Raipur, 4 marches, 39 m.

**Route No. 45.**

FROM EDALABAD TO ASIRGARH.

Length 41 m. 5 f.

3 Marches.

*Authority and date (month and year).*—2nd Lieutenant Hawson, 6th Inskilling Dragoons, February 1911.

*Epitome.*—General direction, N.-N.-E. A good made road except for last 10 m., which is a jungle track with rocky ascents and descents.

AUTHORITIES.		No. of stage and total distance.	Route No. 45.
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING CENTRAL PROVINCES DISTRICT.		EDALABAD.—By Route 13. Volume VI (1910) from Aurangabad in 8 marches.
		1	ICHAPUR.—9 m. 6 f. Road metalled for 2 m., p. o. A village of 528 houses.
		9 m. 6 f.	Camping Or uud.—23 acres, 350 yds. S.-E. of village on bank of nala; wasteland, demarcated with pillars.
		2	Water.—Three pakka wells and nala.
		23 m. 7 f.	Supplies.—Scarce, likewise transport.
			BURHANPUR.—14 m. 1 f. Made road at b., p.o., t.-s., r.-s. 4 f. cross Dhamni 2 m. from C. G. (not bridged, banks high, bed gravel; approaches steep); at 7 m. 2½ f. Badkhera; at 7 m. 4 f. cross Tapti river (250 yds. wide, bed rocky, banks high) by causeway in fair weather, by large boat in rains; at 7 m. 6 f. Hutnur; at 10 m. 3 f. Pandarol nala, bed sandy.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
DEPUTY COMMISSIONER, NIMAR, AT KHANDWA.	GENERAL OFFICER COMMANDING, CENTRAL PROVINCES DISTRICT.	3	<p><b>Route No. 45.</b></p> <p>A large walled town.</p> <p><i>Camping Ground.</i>—21 acres demarcated.</p> <p><i>Water.</i>—Abundant.</p> <p><i>Supplies.</i>—</p> <p>A small amount of transport available. Here joins Main Route III.</p>
		41 m. 5 f.	<p>ASIRGARH.—17 m. 6 f. At 1 m. pass Sindhiura gate of city at 2 m. Borgaon a suburb of Burhanpur, to left, Cross Utanli river, 100 yds. wide, bed muddy, banks easy. Cart-track to Chandni (<i>r.s.</i>) to right on crossing river. At 4 m. 2 f. Utanli river; at 5 m. 4 f. nala, dry bed, steep banks, 50 ft. wide; 6 m. 4 f. cross railroad; at 6½ m. Nimbola; at 8 m. 6 f. Jhiri; at 14 m. 6 f. road to Chandni; at 16 m. village of Asir. Small village; Asirgarh fort deserted.</p> <p>Road Burhanpur to Jhiri made road. Jhiri to 14½ m. hilly and rocky; 14½ m. to 15½ m. metalled Country Jhiri to Asir jungle.</p> <p><i>Camping Ground.</i>—1 m. 6 f., N. of village of Asir no shade, waste land, demarcated.</p> <p><i>Water.</i>—Bad.</p> <p><i>Supplies.</i>—No shops; no transport available. By Route No. III to Mhow (9 marches).</p>

**Route No. 46.**

FROM NOWGONG TO REWAH via CHHARTARPUR  
PANNA-NAGODE-SUTNA.

*Authority and date (month and year).—(By R. G. A., October 1921).*

*Distance 132 m. 4 f.*

*11 Marches.*

AUTHORITIES.		No. of stage and total distance.	<b>Route No. 46.</b>
Civil.	Mili- tary.		
		NOWGONG.	
		1	CHHARTARPUR.—14 m. 5 f. Country cul- p. o., t. o. tivated and road quest house. metallised. Nullahs bridged. Pass Mau 4 m. A large town.
P. A. BUNDELKHAND AT NEWGONG.		14 m. 5f.	Camping Ground.—760 × 320 yds. 1 m. S.-E. of city.
		2	Supplies.—Plentiful. Water.—Ample and good. From 3 wells at corners of C. G.
		25 m.	BASARI.—10 m. 4 f. Country undulating, with low jungle and a moderate amount of cultivation. Road as above. Pass Ganwara 3½ m. and B chpura at 6½ m. A fair sized village. Camping Ground.—300 × 150 yds. ½ m. S.-W. of village and S. of road. Supplies.—On a week's notice to Chhatarpur.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
		3	<b>Route No. 46.</b>
		35 m. 4 f.	<i>Water.</i> —Good, from 2 wells (1 dry in hot weather but other contains ample supply) close to C. G.
			KISARGANJ.—10 m. 4 f. Country and road as above, except less cultivated. Pass Ganj (Inspection Bungalow) at 3 m. and Pahari 8 m. and Ghoura at $8\frac{1}{2}$ m. (Punna State). Small village.
			<i>Camping Ground.</i> —280 yds. $\times$ 200 yds. S. of road 100 yds. W. of junction of Kirjraha road and 1 m. N. of village.
			<i>Supplies.</i> —On 10 days' notice from Chhatarpur.
			<i>Water.</i> —Good from 2 wells, one S.-W. and other N. of C. G.
		4	MARLA.—9 m. 4 f. Country and road as above. Cross river by causeway just before arriving.
		45 m.	<i>Ferry</i> during rains (2 boats for 50 men, several small for 6 men).
			Small village Punna State.
			<i>Camping Ground.</i> —140 yds. $\times$ 100 yds.
			<i>Supplies.</i> —One week's notice to Punna.
			<i>Water.</i> —Good from 3 wells and Ken river.
		5	PANNA.—11 m. 4 f. Country no cultivation, p.o.t. s., b., guest house. hilly and jungly. Road as above reach Mandla Ghat 1 m.
		56 m. 4 f.	

AUTHORITIES.		No. of stage and total distance.	Route No. 46.
Civil.	Mili- tary.		
			<p>Small town.</p> <p><i>Camping Ground.</i>—In Mango grove S.-W. of town and <math>\frac{1}{2}</math> m. from main road.</p> <p><i>Supplies.</i>—Ample.</p> <p><i>Water.</i>—Good from 2 wells on C. G.</p>
		6	<p>PARADI A (NOT PARARATIDLA).—15 m. <i>p. o., t. s. b.</i> Country undulating very little cultivation</p>
		71 m. 4 f.	<p>Road as above. Pass Sahanya 8 m. and bungalow 3 m.</p> <p>Small village in Ajaigarb State.</p> <p><i>Camping Ground.</i>—350 yds. <math>\times</math> 350 yds. 200 yds. W. of village.</p> <p><i>Supplies</i>—2 days' notice.</p> <p><i>Water</i>—Good from well S. of C. G.</p>
		7	<p>NAGODE.—13 m. 4 f. Country slightly un- <i>p. o., t. s. b.</i> duating and well cultivated.</p>
		85 m.	<p>Road as above. Pass Sundra at 5 m and Gongorla at <math>9\frac{1}{2}</math> m.</p> <p>Large town.</p> <p><i>Camping Ground.</i>—In Mango grove N. of town.</p> <p><i>Supplies.</i>—Ample.</p> <p><i>Water.</i>—Good from 2 wells on C. G.</p>
		6	<p>SUTNA.—16 m. 4 f. Country undulating <i>p. o., t. s., r. s., b.</i> partially cultivated.</p>
		101 m. 4 f.	<p>Road as above. Pass Sahawal (<i>p. o., el.</i>) <math>11\frac{1}{2}</math> m. (1 m. S. of road).</p> <p>Small civil station.</p> <p><i>Camping Ground.</i>—Near road 1 m. N. W. of town and adjoins bungalow.</p>

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		Route No. 46.
		9	<i>Supplies.</i> --Plentiful. <i>Water.</i> —Good from well S.-E. corner of C. G.
		107 m.	MADHOGARH.—5 m. 4 f. Country and road p.o., Ins. bung. as above. Cross river just before arriving by causeway in dry season and ferry in rains (1 boat 40—50 men). Small village (Rewah State). <i>Camping Ground.</i> —S. of road and 300 yds. E. of Tonse river. <i>Supplies</i> —Available. <i>Water.</i> —Good from 4 wells and Tonse river.
		10	RAMPUR.—3 m 6 f. Country flat and cultivated. Road as above.
		116 m. 6 f.	Medium sized village (Rewah State). <i>Camping Ground.</i> —N. of road. <i>Supplies.</i> —On notice. <i>Water.</i> —From well in bungalow compound also from Naar Nadi.
		11	REWAH.—15 m. 6 f. Country and road as p.o., t.s., Ins. bung. above Pass Bela 2 guest houses. 8½ m. Large town <i>Camping Ground.</i> —N. of road just before crossing river. <i>Supplies.</i> —Ample. <i>Water.</i> —Good from well S. E. corner of C. G. and from Bihar river close to C. G.

**Route No. 47.**

FROM KUNCH TO KUTHAUND via JALAUN.

Length 32 m. 7 f. 4 Stages.

Authority and date (month and year).—Jhansi Brigade, 1922.

*Epitome.*—General direction N.-E., raised, bridged, country flat, cultivated, wooded; water good, plentiful, on notice civil. Connects with route 42 and U. P. Dist. route 25.

AUTHORITIES.		No. of stage and total distance.	Route No. 47.
Civil.	Mili- tary.		
	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	BHERE.—7 m 3 f. Road unmetalled bad in rains; pass Pachipura 5 m. <i>Camping Ground.</i> —450 × 200 N.-E. village. <i>Water.</i> —Wells.
		7m 3f.	
		2	JALAUN.—10 m. Road as stage 1: pass p.o., t.o., b. Chanikhas 5 m., Lona 7 m.  Road S. E. to Orai 13 m. <i>Camping Ground.</i> —350 × 200.
		17m. 3f.	
		3	HADRUKH.—8 m. Road metalled; cross p.o., b. Malanga stream 4 m. 6 f. pass Maikur 6 m. <i>Camping Ground.</i> —Extensive, sides road S. E. village <i>Water.</i> —1 battalion well.
		25m. 3f.	
		4	KUTHAUND.—7 m. 4 f. Road metalled, p.o., b. pass Alampuri, 2 m. 2 f. Harsingpur 4 m 4 f. <i>Camping Ground.</i> —400 × 200 near village. <i>Water.</i> —1 battalion well, tank.
		32m. 7f	

## Route No. 48.

(Connects with U. P. District No. 18 and Main Route VII.)

FROM BANDA TO KHOKHIRAJ.

*Length 79 m. 4 f.*

*6 Stages.*

*Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction E. by N. Unmetalled, unbridged impassable wheeled traffic rains, streams, rivers fordable dry season only; country flat, cultivated, water good, plentiful, supplies on notice civil.

AUTHORITIES.		No. of stage and total distance	Route No. 48.
Civil.	Mili- tary.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1 14 m. 4 f.	TINDWARI.—14 m. 4 f. Metalled from $1\frac{1}{2}$ m. Camping Ground.—350 × 310 yds. S. of road. $1\frac{1}{2}$ m. S. village. Water.—Tank.
		2 24—4.	BABERU.—10 m. Cart track, pass Hardoli. $8\frac{3}{4}$ m. Tola $6\frac{1}{2}$ m. Cross Gorara stream 4 m. village (tehsil). Camping Ground.—340 × 250 yds. N. of road $\frac{3}{4}$ m. W. Water.—Tank.
		3 36 m. 6 f.	KAMASIN.—12 m. 2 f. Cart track; pass Barhas 6 m. Daloura $5\frac{1}{2}$ m. Unirani $3\frac{1}{2}$ m. Camping Ground.—400 × 260 $\frac{1}{2}$ m. E. village (tehsil). Water.—Tank.

### Route No. 48.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF A LAHABAD.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	4	RAJAPUR.—15 m. Cart track over broken country cross Paisuni stream $9\frac{1}{2}$ m. ferry rains, Bagain stream $4\frac{1}{2}$ m.; no ferry. <i>Camping Grounnd.</i> — $300 \times 150$ yds.
		51m. 6f.	SARSAWAN.—12 m. Road raised, good, Cross Junna ( $\frac{1}{2}$ m. wide) at Noabasta $\frac{1}{2}$ m. Ferry (17 large, 15 small boats); large town (see Route No. 3 stage); road metalled. S. W. to Karwai ( <i>r. s.</i> ) 17 m. <i>Camping Ground.</i> — $240 \times 140$ yds. 2 f. W. of Bazaar. Water.—1 bn., well, tank.
		5	KHOKHIRAJ.—15 m. 6 f. Metalled from 6 m. 6 f. bridged, cross Jumna 14 m.
		63m. 6f.	6 f. ferry; Pass Bharwari ( <i>r. s.</i> ), 13 m. 6 f. Cross Sasser—Kaderi r. 7 m. 6 f. <i>Camping Ground.</i> —
		6	
		79m 4f.	

(Connects with U. P. District No. 3 and Main Route VIII.)

**Route No. 49.**

FROM BANDA TO RAJAPUR.

Length 54 m. 3 f.

4 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi,  
1922.

AUTHORITIES.		No. of stage and total distance.	Route No. 49.
Civil.	Mili- tary.		
COLLECTOR, ALLAHABAD.	COLLECTOR OF BENARES.	1	BILGAON.—12 m. Metalled for 4 m. bridged.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		12 m.	<i>Camping Ground.</i> —S. of Road, W. of village 240 × 120 yds. <i>Water.</i> —Well.
		2	ORAN.—14 m. 3 f. Bridged for 1 m. 3 f. pass Bisundra (Busra) 5 m. 7 f. G. C. here. <i>Camping Ground.</i> —S. of Road. <i>Water.</i> —Well.
		3	PAHARI.—15 m. Cross Paisuni 9 m. 4 f. Bagain 7 m. both fordable except after heavy rain. <i>Camping Ground.</i> —4 f. N. of village. <i>Water.</i> —2 Tanks. Well.
		4	RAJAPUR.—13 m. Pass Rajanpura 10 m. Cross Chan, r. 7 m. ford. <i>Camping Ground.</i> —300 × 150 yds. 2 f. S. of Town <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.

## Route 50.

FROM CHANDLA TO CHARKHAIRI.

Length 39 m. 6 f.

3 Stages.

Authority and date.—20th Indian Infantry Brigade,  
Jhansi, 1922.*Epitome*.—General direction N. W., metalled, bridged.*Country*.—Undulating, cultivated.*Water*.—Good, plentiful.*Supplies*.—On notice civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 50.
Civil.	Mili- tary.		
POLITICAL AGENT, BUNDELKHUND, NOWGONG.		0	CHANDLA.—Large village in Charkhari State <i>Camping Ground</i> .—Extensive, 2 f. S. village. <i>Water</i> .—Well, Ajaigarh (p. o.), 15 m. S. E., bad road.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		0	LAURI.—12 m. 4 f. Road cart track, un- bridged, pass Moneri 8 m. 4 f., large village in
COLLECTOR OF HAMIRPUR.		1 12 m. 4 f.	Chhatapur State. <i>Camping Ground</i> .—Extensive, near road, N. village. <i>Water</i> .—Well.
		2	MAHOBA.—15 m. 4 f. Pass Juraha 7 m.; cross p. o., t. o., r. s., b. Kel r. 5 m. 2 f., un- bridged, impassable in flood. Road metalled.
		28 m.	

AUTHORITIES.		No. of stage and total distance.	Route No. 50.
Civil.	Mili- tary.		
POL. A. BUNDELKHUND, NOWGONG.		3 39 m. 4 f.	<p>CHARKHARI.—11 m. 4 f. Cross Railway near Mahoba (r.s.) 2m. 4f. large town, capital Charkhari State.</p> <p>C. G.—Extensive, W. road 4 f. S. W. town.</p> <p>Water.—3 wells.</p> <p>Supplies.—Abundant.</p>

## Route No. 51.

FROM SISOLAR TO MOHANA *via* ORAI.

*Length 95 m. 3 f.*

*9 Stages.*

*Authority and date.*—20th Indian Infantry Brigade, Jhansi 1922.

*Epitome.*—General direction W. by N., unmetalled, unbridged, good, difficult wheeled traffic rain, rivers and stream fordable dry season only, country flat, open, partially cultivated, water good, plentiful, supplies procurable.

AUTHORITIES.	No. of stage and total distance.	Route No. 51.
Civil.	Mili- tary.	
COLLECTOR OF HAMIRPUR.		SISOLAR.— <i>p. o.</i> <i>C. G.</i> —270×200.
COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	MAUDHA.—9 m. Cross Chandrawal <i>r.</i> 4 m. <i>p. o.</i> 4 f. fordable in dry weather, not in rains. Road unmetalled unfit for transport in rains. <i>C. G.</i> —70,000 sq. yds. N. village. Water.—Wells. Supplies.—Abundant.
	9 m.	BEWAR.—13 m. Road raised, bridged (see <i>p. o.</i> Route stage) <i>C. G.</i> —330×320.
	2	JALALPUR.—12 m. Road unmetalled Cross <i>p. o.</i> Birma <i>r.</i> 6 m. Ferry rains (2 small boats) See Route stage <i>C. G.</i> —460×440 on hill 1 m. from river
	22 m.	
	3	
	34 m.	
	4	PARASSAN.—10 m. Road much cut up by nullahs impassable wet weather; cross
	44 m.	

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 Route No. 51.
 

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AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
	COLLECTOR OF JALAUN (ORAI).		Betwa R. 4 f. ferry rains (2 boats each 30 men).
	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	5	C. G.—E. of village. Water.—One well.
		54 m.	KARMER.—10 m. Impassable wheeled traffic rains.
		6	C. G.—250×150 N. road 4 f. and E. village. Water.—Well.
		60 m.	ORAI.—6 m. (See route stage). p. o., t. o., r. s., b. C. G.—60,000 sq. yds.
		7	JALAUN.—13 m. Metalled, pass Kuhargaon
		73 m.	p. o., t. o. 6 m. Bhitara 11 m. 4 f.
		8	C. G.—350×200 S. road 4 f. from town. Water.—3 wells.
		83 m. 5 f.	BANGRA.—10 m. 5 f. Metalled 6 m. pass Chegra 4 m. Kumsara; 5 4 f. m. 4 f. Revra 7 m.
		9	C. G.—400×400 W. of canal. Water.—2 bns., 2 wells.
H. H. MAHARAJAH SINDIA RESIDENT, GWALIOR.		95 m. 5 f.	MOHANI.—12 m. Pass Gopalpura 6 m. 4 f. p. o. Cross Pahuj R. 7 m. always fordable, pass Muhoi 7 m. 2 f. Chandouk 12 m. C. G.—150×120 E. of village S. road. Water.—2 wells. Supplies.—Scarce.

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**Route No. 52.**

FROM HARPALPUR TO KALPI via RATH.

Length 64 m. 4 f.

8 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N. by E., unmetalled, unbridged, very heavy and difficult rains; rivers, streams fordable dry season only; country low-lying, cultivated; water good, plentiful, supplies procurable.

AUTHORITIES.		No. of stage and total distance.	Route No. 52.
Civil	Mili- tary.		
COLLECTOR OF HAMIRPUR.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	1	MAHOBA.—5 m. 6 f. Cross Kewaru stream, unmetalled 1 m. always fordable except in rains. <i>C. G.</i> —54,560 sq. yds., E. village. <i>Water.</i> —11 wells (9 in village).
		5 m. 6 f.	PANWARI.—7 m. 2 f. Road unmetalled, p.o. flooded rains; pass Bahadurpur, 3 m. 2 f. <i>C. G.</i> —26,000 sq. yds., S. E. village, S. Kulpahar Panwari road. <i>Water.</i> —27 wells (24 in village), tank.
		2	NAKRA.—4 m. Village on Kewaru stream. <i>C. G.</i> —58,030 sq. yds., E. road S. village. <i>Water.</i> —Water of village wells is brackish, stream.
		13 m.	
		3	
		17 m.	

## Route No. 52.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF JALAUN (ORAI).	COLLECTOR OF HAMIRPUR.	4	RATH.—9 m. Cross Kewaru stream 4 f.; ferry p. o., b. rains (1 small boat), see route No. 24, metalled road.
		26 m.	C. G.—197,230 sq. yds.
		5	JARIYA.—11 m. 4 f. Pass Kamharia 3 m. Pawal 10 m. unmetalled.
		37 m. 4 f.	C. G.—120×65 near road 2 f., E. village. Water.—Wells, tanks.
		6	CHANDAUT.—11 m. Road unmetalled, cross p. o. Parwan nullah 5 m. 4 f. pass Dhagwan 6 m. C. G.—248,050 sq. yds. S. Betwa r. 2 f. W. village. Water.—5 wells. r.
		7	ITAURA.—9 m. Cross Betwa r. 4 f. ferry rains p. o. (2boats).
		57 m. 4 f.	C. G.—60,000 sq. yds.
		8	KALPI.—7 m. (See Route No. 24).
		64 m.	

**Route No. 53.**

FROM BANDA TO MANIKPUR.

*Length 60 m. 7 f.**6 Stages.**Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.*Epitome.*—General direction S.E. Metalled, bridged, all arms, country level, cultivated, water good.

AUTHORITIES.		No. of stage and total distance.	Route No. 53.
Civil.	Mili-tary.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.		BANDA— <i>p.-o., t.-c., r.-s., b.</i> <i>Camping Ground.</i> —370×100.
		1	KHURHAND.—16 m. <i>p.-o., r.-s.</i> <i>Camping Ground.</i> —140×135 4 f. S. of village. <i>Water.</i> —2 wells.
		11 m.	BADAUSA.—16 m. 1 f. Gross Bagain stream <i>p.-s., r.-s.</i> 15 m. 6 f.; ferry when water high (2 boats each 14 men). <i>Camping Ground.</i> —150×140 S. of road. <i>Water.</i> —Bagain, stream.
		16 m 1f.	AKBARPUR.—7 m. 1. f. <i>r.-s.</i> <i>Camping Ground.</i> —150×140 S. of Road. <i>Water.</i> —Well.
		3	
		7m. 1f.	

## Route No. 53.

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF BANDA.	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	4	KARWL.—10 m. Cross Peshni stream 7 m. 4 f. Batwa r. 1 m. 2 f. (no Bridges) both fordable.
		10 m.	<i>Camping Ground.</i> —440×180 1 m. E. (r.-s.). <i>Water.</i> —Well.
		5	AINCHWARA.—6 m. 1 f. Cross Dhan stream 5 f.
		6 m. 1 f.	<i>Camping Ground.</i> —530×300 4 f. W. of village. <i>Water.</i> —Well. Bhilpurwa (r.s.) 4 m. distance.
		6	MANIKPUR.—Country some hills jungle. <i>p.-o., t.-o., r.-s., b.</i>
		9 m. 6 f.	<i>Camping Ground.</i> —Small near village. <i>Water.</i> —Tank.

**Route No. 54.**

FROM SAIDNAGAR TO KUNCH via ORAI.

Length 32 m. 6 f.

3 Stages.

Authority and date.—20th Indian Infantry Brigade, Jhansi, 1922.

Epitome.—General direction N.-W.; metalled, good.

Country.—Flat, cultivated.

Water.—Good, plentiful.

Supplies.—Abundant.

AUTHORITIES.		No. of stage and total distance.	Route No. 54.
Civil.	Mili- tary.		
	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	SAIDNAGAR.—Large village. <i>Camping Ground.</i> —300×250, W. rd. N. village. <i>Water.</i> —Wells. <i>Supplies.</i> —Good grazing camels.
		0	
		1	ORAI.—12 m. Road metalled, unbridged, cross <i>p.-o., t.-o., r.-s., b.</i> numerous nullahs. Alternate route metalled, much longer <i>via</i> Ait ( <i>p.-o., r.-s.</i> ) 6 m., thence 14 m. by Cawnpore-Jhansi road.
		12 m.	
		2	HARDOL.—12 m. Murora, 3 m. Usur- gaon 5 m. Muafati 9 m. <i>Camping Ground.</i> —250×200 2 f. N. village. <i>Water.</i> —Slightly brackish, 2 wells. <i>Supplies.</i> —Scarce.
		24 m.	
		3	KUNCH.—8 m. 6 f. Pass Puniara 3 m. 4 f. <i>p.-o., t.-o., b.</i> Bhudari 5 m.; town. <i>Camping Ground.</i> —230×210, 1 m. E. <i>Water.</i> —1 bn., well.
		32 m. 6 f.	

## Route No. 55.

FROM RATH TO KALPI via JALALPUR.

*Length 43 m. 4 f.*

*4 Stages.*

*Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N., unmetalled, unbridged, heavy and swampy, unfit traffic during rains, country low lying, cultivated, water good, plentiful supplies on notice civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 55.
Civil.	Mili- tary.		
COLLECTOR OF JALAU (ORAI).	COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.	0	RATH.—Large town (see route 56, stage 0). <i>p.o., b.</i> <i>Camping Ground.</i> —197,230 sq. yds.
		1	AMUND.—10 m. 4 f. Pass Bhapur Nandi 6 m. cross Byra 8 m. 4 f. ford except in flood, which subsides quickly. Village left bank Byra R. and unmetalled. <i>Camping Ground.</i> —143,950 sq. yds., N. village. <i>Water.</i> —Wells, stream.
		2	PALALPUR.—13 m. Road unmetalled. Pass <i>p.o.</i> through Saida State first 4 f. large village right bank Betwa. <i>Camping Ground.</i> —460×440 on hill 1 m. from river. <i>Water.</i> —Well and from river. <i>Supplies.</i> —On previous notice.
		23 m. 4f.	

AUTHORITIES.		No. of stage and total distance.	
Civil.	Mili- tary.		
COLLECTOR OF JALAMN.	COLONEL COMMANDANT, 26TH INDIAN INFANTRY BRIGADE, JHANSI.	3 36m. 4f.	ITAURA.—13 m. Cart track scarcely defined: <i>p.-o.</i> cross Betwa R. 1 m., ford dry season ferry rains (2 boats each 30 men). <i>Camping Ground.</i> —600,000 sq. yds. 2f. W. village Water.—Well.
		4 43m. 4f.	KALPI.—7 m. ( <i>see route 56, Stage 7, and Route 24.</i> )

## Route No. 55.

## Route No. 56.

FROM RATH TO KALPI via HAMIRPUR.

*Length 77 m. 7 f.*

*7 Stages.*

*Authority and date.*—20th Indian Infantry Brigade, Jhansi, 1922.

*Epitome.*—General direction N. unmetalled, unbridged, impassable troops rains; country level, cultivated; water good, plentiful, supplies on notice Civil.

AUTHORITIES.		No. of stage and total distance.	Route No. 56.
Civil.	Mili- tary.		
		0	RATH.—Road all arms; large town. <i>p.-o., b.</i>
		00	<i>Camping Ground.</i> —197,230 sq. yds. (swamp rains) 4 f. N.-E. town. <i>Water.</i> —Wells. <i>Supplies.</i> —Abundant.
		1	MASKARA.—16 m. 4 f. Pass Dhanauri 6 m. <i>p.-o., b.</i> 4 f., cross Birma r. (subject heavy floods)
		16 m. 4 f.	12 m. 4 f. ford dry season, ferry rains (one boat small). <i>Camping Ground.</i> —32,060, sq. yds. N.-W. village. <i>Water.</i> —Well.
		2	BEWAR.—12 m. Pass Baswari 3 m. Chilli 7 m. <i>p.-o.</i> unmetalled road, partly bridged.
		28 m. 4 f.	<i>Camping Ground.</i> —330 × 320 near village, N. road. <i>Water.</i> —2 bns. wells.

COLONEL COMMANDANT, 20TH INDIAN INFANTRY BRIGADE, JHANSI.

Cat.  
VR 11/16/76